

THE OREDIGGER

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THE VOICE OF COLORADO SCHOOL OF MINES, A SUPERIOR EDUCATION IN APPLIED SCIENCE AND ENGINEERING

Drug Overdose Leads To Student's Death

Faisal G. Hashem

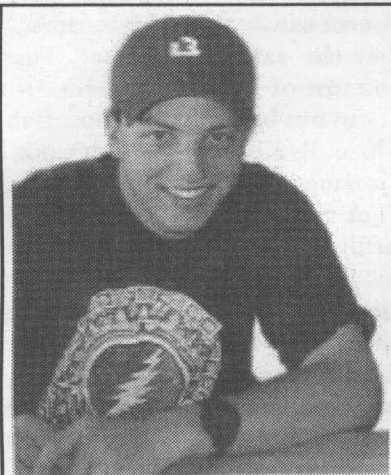
"Steve Kirshenbaum's death was due to extreme LSD toxicity," said Trina Harper, chief deputy coroner.

"Sergeant Farley received a call from one of our students

who was with Steve the night of his death," according to Golden City detective Jeff Kreutzer. The student "admitted to doing LSD with Steve on the night of the 21st. He came forward with this information, stating that it

was bothering him that he did not tell all of what took place."

According to the Golden police report, officers arrived at Steve's home and, through a window, saw him "down on his back and not moving." According to Jerald Kirshenbaum, Steve's father, "Steve had just moved into the home on Jan. 5." Police found many articles of drug paraphernalia in Steve's home, including a container full of marijuana butts labeled "Roach Motel."



Steven Kirshenbaum

Deputy coroner Julia Ramsay performed the initial examination saying, "the mouth was open and fluid was present. The eyes were open and fixed straightforward." Steve had

been dead approximately 12 hours. Technician Evans stated, "the only thing that caught my attention was that the toes on both feet were curled down."

Sergeant Farley interviewed the students who were with Steve the night before his

death. Farley was told that Steve took LSD and started acting very strange. He was scratching at the walls and crawling on his hands and knees, according to a neighbor who had gone to his home to get some ice. "When Steve answered the door he was on the floor, crawling and making bizarre statements and looking at the sky." Steve did not seem to recognize the neighbor, laughed at him, then shut the door and turned off the lights.

Sergeant Farley stated, "I met

detective Kreutzer outside the house. He explained that police received two separate 911 calls into dispatch and CSM police located the two individuals who possibly made the calls. Officer Gardner explained that the calls were received from the lobby of Thomas Hall. In the first call, the unknown male asked that assistance be sent to 812 Washington because someone had been 'doing some stuff.' The male caller then changed the location to 19th and Washington. The dispatcher asked the caller to clarify the location. The caller then hung up. Gardner believed a student made the second 911 call. She explained that CSM police contacted [the student] near the telephone in the lobby of Thomas Hall shortly after the call was made. Initially [the student] denied making the call, but when asked again he stated that he made the call out of concern for the welfare of Steve Kirshenbaum.

"The second 911 call was received at 3:06 a.m. The unidentified male asked that assistance be sent to 812 Washington Ave. because the person at the house was 'fucked up' and making noise. The caller said the person who is at the house is named Steve, [and then] hung up.

"Officer Gardner and I went to see and speak with [the student] about any knowledge he may have had concerning the questionable death of Steve...I mentioned that Steve was deceased...[the student] yelled 'he's dead' then bowed his head. There were noticeable tears in [his] eyes. I asked him if he made one of the 911 calls. He replied that he had. I asked him to explain what occurred on Saturday night. [The student] told me...Steve, [himself and another student] decided to go to Steve's house and go to a party later. The three of them arrived at Steve's...and started the movie Tron. [The student] told me that Steve routinely used drugs such as marijuana, acid, and ecstasy. As the evening went on [he] said that he and [the other student] became concerned due to [Steve's] loud talking, looking around, touching his face, and laughing. When asked if he was ok, Steve told [him] that he had done this amount before and they should not worry. [The student] told me he and [the other student] decided to leave due to Steve's behavior. Later they discussed Steve's weird behavior and expressed concern for his welfare. They decided to walk back to Steve's house. They knocked on the front door

but Steve did not open."

The students went back to their dorm rooms and one of them volunteered to make the first 911 call. Then one of them drove by Steve's home again. After seeing that no help had arrived he made another 911 call.

At one point, the students walked around Steve's home, "looked into the northeast window and saw Steve lying on his back with his eyes and mouth open. [The student] said he looked in, then quickly looked away believing Steve was ok. [The student] admitted to 'freaking out a bit' because he did not know what to do. When I asked [him] why he did not break into Steve's house to make sure that Steve was ok, [he] told me he was concerned enough to come to Steve's house but not concerned enough to break into the house."

When the students returned to their dorms they got on the Internet to find information on what to do when a person is "tripping out" on LSD. According to [the student], he was not aware of time, because he had been drinking.

Steve's family requested no autopsy for religious reasons. Funeral services were held on Jan. 23.

ETM Program Balances a CSM Degree

Steve Fullam

A new "technical MBA" program in Engineering and Technology Management will be offered by the Division of Economics and Business beginning this fall.

ETM is a 36-semester hour program that emphasizes the connection between quickly evolving technologies and the best business practices. Current Mines undergrads may count up to six semester hours of undergraduate engineering credit toward this new degree, enabling them to "fast-track" through the program with two additional semesters of study.

Students in the program will increase their analytical skills, decision-making capabilities and a grasp of key technology issues; enhance their understanding of planning, organizing and resource allocation; and strengthen their understanding of

strategies for supervising global technology development, acquisition and commercialization.

"CSM implemented the new degree because companies in all business sectors have a growing need for engineers who are technically competent and possess the required management skills to effectively function in a competitive and technologically complex business economy," said Dr. Michael Walls, head of the ETM program.

The program is divided into two specialties, Quantitative Business Methods and Strategy and Organization. Quantitative Business Methods emphasizes valuable techniques for managing large engineering and technical projects effectively and efficiently. Courses included in this specialty are simulation, integer programming, and decision analysis. The

Strategy and Organization specialization is designed to teach the correct match between organizational strategies and structures to maximize the competitive power of technology. Courses included in this track are strategy of product development, marketing of technology-based companies, and technology entrepreneurship.

Walls said, "Expectations for ETM graduates are high. The strong managerial aspects of the ETM curriculum provides graduates with skills that enable them to rapidly assume leadership roles in industry and government. We anticipate that graduates will chart career paths they find intellectually and financially rewarding."

The traditional track for students who enroll in this program is application in the junior year, prerequi-

sites and courses beginning the senior year, and completion of the program within one year of undergraduate graduation.

Some fellowships will be available to help defray the costs of an additional year of school. They will be awarded on a competitive basis once all applications have been completed.

For more information on this program, you may attend an informational meeting on Feb. 20 at 6 pm at the Student Center Ballroom A. RSVP for this meeting to Stephen Fullam at sfullam@mines.edu.

For general questions or comments, contact Stephen Fullam (sfullam@mines.edu) at 303-273-3979 or Dr. Walls (mwalls@mines.edu) at 303-273-3492. Check out their website at www.econbus.mines.edu/etm/ (available February 15th).

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Crime At Mines

Gina Gassman

Under-Aged Drinking

Six CSM freshman and sophomore men were arrested for under-age drinking in the past two weeks.

Burglaries on Campus

The Coke machine on the third floor of the Volk Gymnasium was burglarized. Police are unsure as to whether the culprit took only the cold drinks inside, the money in the machine, or both.

Stolen Vehicle

A 1979 Ford truck was stolen from the Sigma Alpha Epsilon house.

Suspicious Behavior/Vandals

The snow on the windows of several cars parked on West Campus Road was brushed away and, according to police, may indicate that someone was looking inside the cars, possibly for stereos and other valuables. Three of the cars had

obscene language written on the hoods in the snow. Nothing was taken and there was no apparent damage to the cars.

Trespassing

It was reported that someone pulled down a section of the fence at the new Fiji fraternity house site and tipped over a Port-o-Potty.

Trouble At A Fraternity

A policeman from the CSM Public Safety Department, assisted by a Golden policeman, responded to a disturbance call at the Sigma Phi Epsilon fraternity. According to police, a member of the fraternity was intoxicated and had become agitated and aggressive with other fraternity members. He slapped two fellow members, threatened others, and was then taken into protective custody, police say. Pending an investigation, there could be charges of assault.

The Fight Club... at Mines?

Faisal G. Hashem

The crowd gathers in anticipation! Every Tuesday night, according to one of the residence hall directors, a few boys gather to box in the courtyard. This unofficial gathering of boxing enthusiasts began early this semester and has been gaining popularity ever since. "There are a lot of spectators," said a resident adviser who preferred to remain nameless. "All the boys that fight seem to come from Bradford. They started out just having fun, but wound up with spectators."

"They come from Thomas, Randall, and Morgan too," said Lance Vandemar, hall director for the traditional residence halls, "Sometimes there are girls fighting girls. There was only one girl-boy fight that I know of."

A girl, a rather big girl, insisted on challenging one of

the boys and got her "butt kicked," said the nameless RA. So much so that she was hospitalized. "I stopped the fight."

"I've only seen her once before in an EPICS class. She aggressively challenged everyone," according to Brandon Burden. "That was one of the weirdest things I ever saw."

It appears that the same group of boys do most of the boxing. There is a campus boxing club run by Shaun R. Kelly with dues and a boxing bag in the field house, but this gathering is not an affiliate of the club. Brandon Burden, a Bradford basement resident, indicated in a phone conversation that he is the closest thing to the club's manager. The club began with no equipment but Burden is now providing gloves and headgear. "I was in a club in California. I have gloves and stuff. It's not

so much brutality but fun" Burden adds.

According to Vandemar, the unofficial club has met outside the dorms in the student center courtyard for the last three Tuesdays. "I think it's safe, as safe as boxing can be. I've seen a couple of people get knocked out," said Vandemar, "They keep it in one place. They stop if someone moves from their area. I don't know if there is anyone in charge. It's not like Fight Club, the movie. There are no hard feelings. The club was not born out of dissension."

Vandemar suggests that boxers be matched by weight class and skill level. "They usually go until someone gets tired. They never hit each other when they turn around or quit or leave the area. They just punch each other in the face. When it's over, they go home and do their homework."

The Future of Mines

ASCSM Executive Council

Last semester, the *Oredigger* published that the CSM was considering becoming a compact school. This series of articles and editorials left most students confused about what a compact school is, and how it would affect them. The executive council of ASCSM sat down with Robert Moore, vice president of finance and operations, and Dr. Harold Cheuvront, vice president of student life and dean of students, to gain a better understanding of compact schools and how a change would affect Mines. This article summarizes the information that was shared during the meeting.

In September 2000, the Colorado Commission on Higher Education (CCHE) released a report on what the future of higher education in Colorado should look like. One recommendation was that state schools should be deregulated. Compact schools provide a means for the deregulation. The idea is that compact schools could be run more efficiently and produce a higher quality education.

Currently, legislation has been introduced on behalf of Mines that would make us a compact school, or a "millennium institution" according to the bill. This legislation could produce many changes on campus that could be observed as early as next year. The following is a discussion of possible changes and the facts behind them.

What are the benefits of becoming a compact school?

One of the main benefits would be that we would no longer be subject to the regulations of CCHE and certain state laws. This would allow school administration to directly make decisions affecting the school without waiting for CCHE approval. It would also change the structure of how Mines receives and spends money. If we become a compact school, CSM would no longer have to wait for CCHE approval to make changes such as adding new degrees, changing programs as it sees fit, or changing the names of departments to better specify their degree.

This legislation would also, in some ways, secure the financial stability of the school's future. Currently, funding for Mines is constantly changing and can be influenced by even a one-student difference in enrollment. This bill would cause the funding that Mines receives to be stabilized, and the school would not have to be continually fighting for even the same level of state support. This legislation could also provide a good opportunity for the school to increase its fundraising. A change like this could cause a renewed interest in the school and bring in more donations.

What are the possible drawbacks of becoming a compact school?

One of the major drawbacks

from the student's perspective is that this change would likely lead to higher tuition. The school administration would be able to immediately change tuition rates. Although the bill still would limit the rate of the increase for Colorado residents, the limits would not be as restrictive as in the past. The sources we talked to said it was highly possible that tuition would gradually rise over the next several years. Another possible downside to becoming a compact school is that it could shift the focus of the school further toward being a research institution.

The possible problems that would come with becoming a compact school are not completely known because Mines is unique. One of the biggest risks would be the possibility of harming CSM's reputation and success.

How will this affect the enrollment at Mines?

CSM has been increasing in size over the last couple of years and this trend will most likely continue if Mines does not become a compact college. Since Mines cannot currently increase tuition above the rate of inflation, the most effective way for the school to increase revenue is to admit more students. If the proposed legislation is approved, Mines will have more control over the size of the school and will strive to maintain an undergraduate enrollment of no more than 2,500 students and no more than 1,000 graduate students.

CSM will not lower current academic standards and will strive to increase admission standards.

How will becoming a compact school affect the tuition at Mines?

The Board of Trustees would be allowed to set the nonresident tuition rates without state restrictions and raise resident tuition rates as much as twice the rate of inflation. Currently, tuition may not be raised at a higher rate than that of inflation. According to Mr. Moore, the tuition rate will not be drastically increased. Rather, tuition could be slowly adjusted over the next several years. He noted that the levels of financial aid would also be increased.

How will this affect the school's spending habits?

Mines would be allowed more flexibility in its spending if this legislation were passed. For example, Mines currently is limited in the school vehicles it can purchase. The spending habits would be such that the school could continue to provide the quality education that it currently does. This would be maintained by low student-to-professor ratios, updated technology, and quality facilities.

How will this affect the academics at Mines?

CSM will not lower current academic standards and will strive to increase admission standards. In addition, CSM will

continue to hold the same high standards for faculty members. CSM would also identify performance goals and be held accountable for achieving these goals. Initial goals would include improvement in retention and graduation rates, increasing female and minority student enrollment, and continuous review of undergraduate curriculum. Addition of new graduate/undergraduate programs could also be implemented without the review of CCHE.

Is this a good idea?

We at the ASCSM Executive Council have decided that it is in the best interest of the Colorado School of Mines to become a compact school. Such a move would limit the growth of the school, which we are strongly in favor of. In addition, the increased control over the degrees and programs offered would allow the school to more closely follow industry needs. We also feel that the increased control over the school's finances, although leading to an increase in tuition, would allow Mines to ensure its financial stability. We feel that it is in the interest of the school's future that this legislation is being introduced.

Any questions may be directed to ASCSM@mines.edu. The aforementioned bill is referred to as SB 01-176 and can be found on the Internet by going to http://www.state.co.us/gov_dir/stateleg.html

Undergraduate Space Research Symposium Looking for Submissions

The Colorado Space Grant Consortium will hold its annual Undergraduate Space Research Symposium Saturday, April 7, at the University of Colorado in Boulder. Students are invited to submit and present a short paper on a space-related topic of their choice. Six \$100 prizes will be awarded for the best papers. Papers based on EPICS class projects over the past three semesters are encouraged. Abstracts are due by Feb. 23. Email mikeduke@earthlink.com.

Congratulations to New Panhellenic Officers...

President - Jenn Smith
Vice President - Olivia Harren
Recruitment Chair - Amanda Kelly
Assistant Recruitment Chair - Bernadette Molinar
Secretary - Traci Olson
Treasurer - Karrie Rein
Academic Chair - Kristie Dukeminier

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President - Steve Connor
VP Judicial Board - Larry Hartman
VP Membership - Erich Greene
Publications - Daniel Benedict
Secretary - Brent Pounds
Treasurer - Craig Wieland
Assistant VP J-board - Drew Keefe
Assistant VP Membership - Andrew Tiffenbach

They look forward to serving the Greek community in the upcoming year with great enthusiasm. Now seven fraternities and three sororities strong, the Greek Councils have decided to let individual houses grow to their potential. Therefore, expansion is not an idea that is being considered by the leadership at this time.

Due a Refund?

A lot of student refund checks haven't been picked up yet. All students need to go to the cashier to see if they have a check. Please don't call because the cashier will not be able to answer the phone and wait on customers at the same time.

Engineers Inspire Girl Scouts

Maggie Roderick

The Society of Women Engineer's (SWE) third annual Girl Scout Badge Day was held Saturday, Feb. 3, here on campus. The 120-plus junior level Girl Scouts, who are between 9 and 12 years old, were given an opportunity to participate in one of three badge activities: Science in Action, Computer Fun, and Engineering Everything. The science and computer badges have been offered in past years, but the Engineering Everything badge was created this year, especially for this event, by

an EPICS 251 team.

The girls started off the day making asphalt cookies and working on the badge activities. After lunch, the troops toured campus making stops at the library, student center and Morgan Hall dorms. "Hopefully, this learning experience for these young girls will inspire them to become interested in math, science, and engineering," remarked Ellen Taylor, a SWE volunteer.

Girl Scout badge day is a unique learning experience for not

only the girls, but for the troop leaders as well. "It was amazing to see how many parents didn't know exactly how to explain some of the phenomena we are dealing with," said Kelly Chipp, another SWE volunteer. "I think it's great to see the girls learning, and it's neat to see the troop leaders learning too." This event would never have been brought to life without the help of Lisa Lassner, head of the SWE outreach committee, and the Mile Hi Girl Scout Council.

Police Stop College Bomber Before He Strikes

Mike Thornbrue

Police in Cupertino, Calif., arrested a 19-year-old man suspected of planning a "Columbine-style attack" on a local community college. The suspect, whom police did not identify, had 30 pipe bombs, 20 Molotov cocktails, several weapons, and a stockpile of ammunition according to Capt. Cary Colla, spokesman for the Santa Clara County sheriff's department.

Police learned of the stockpile through an anonymous tip on Jan. 29. They made an arrest that day. According to police, the man is a former student at De Anza College and lives in San Jose. "Our investigation has revealed that this suspect intended to use these items to conduct a Columbine-style attack," San Jose police said in a statement. On Tuesday, several agencies including bomb squads

and a SWAT team closed and evacuated the De Anza College campus. A search of the 112-acre campus revealed that no bombs had been placed. "We don't know what areas are targets, and that's part of the difficulty of searching a campus of this size," sheriff's spokesman Doug Rogers said.

De Anza College has about 26,000 students and is located 45 miles south of San Francisco.

Growth Plan Comes to Life

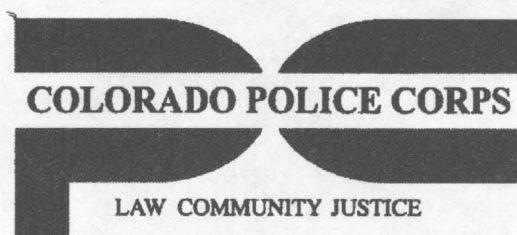
Stephanie Onorofskie

Recently, over 75 percent of the Denver region adopted the Mile High Compact, the nation's first voluntary city and county-led effort to guide growth. As many surveys have shown, growth is a top concern of many of Colorado citizens. The Mile High Compact is proof that elected officials listen to the citizens of their region. They are responding to and managing growth.

Through the compact, cities

and counties agree to develop comprehensive plans or master plans that support Metro Vision 2020, the region's long-term plan for growth. Metro Vision was adopted in 1997 and has six core elements: urban growth boundaries/areas, a multimodal transportation system, preservation of open space, urban centers, free-standing communities, and preserving clean air and water. As Jan

Schenck, Golden mayor, said, "The Mile High Compact takes Metro Vision 2020 a step further, delving into other issues that impact all of us, including provision of services and community facilities, utilities, parks and recreation, housing, economic viability and among others, environmental resources and hazards. These are exactly the steps that will take Metro Vision from plan to reality."



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More Interviews Than Available Students

Louise Wildeman

It's a strange year in the Career Center. We have more companies on our recruiting calendar than for any spring in 10 years, but not too many students are participating in on-campus interviewing so far.

Career Day (Feb. 13) is a big event that will bring about 80 companies to CSM all on one day. But on-campus interviewing may bring a comparable number of companies to campus. We have more than 50 on the calendar now and usually gain many as the season progresses. The interesting thing is that these are two sepa-

rate groups of companies. Last year, only one fourth of the spring Career Day exhibitors were also on-campus recruiters.

Some Career Day exhibitors will do interviews on campus the next day. Some of them will return for interviews later in the season. Some of them will just collect resumes and work directly with selected students. Definitely, take advantage of Career Day.

But don't neglect on-campus opportunities with that other set of companies. On-campus interviewing is the "easiest" job search method for students, putting em-

ployers right at their doorstep. Summer job interviews are available, as well as full-time opportunities. There are interview opportunities for nearly all majors and all levels of students.

The Career Center makes resume and cover-letter writing easy by providing its free manual and convenient, personal critiques. Get started on your resume and then get registered with the Career Center. There are many other services provided there in addition to on-campus interviewing.

Sign-ups have already begun. Come in! Take part! Get a job!

Gender Bias Recognized

The heads of nine leading research universities have issued a statement acknowledging that female professors in science and engineering still face significant barriers because of gender. The university leaders, who gathered at the Massachusetts Institute of Technology (MIT) for a workshop on gender equity, promised to work to build faculties that better reflect the diversity of their students. "Institutions of higher education have an obligation, both for themselves and for the nation, to fully develop and utilize all the creative talent available," they said in a statement issued after Monday's workshop. "We recognize that barriers still exist to the full participation of women in science and engineering."

The university leaders also agreed to analyze the salaries and resources provided to their female faculty members, and said they

would gather again in about a year to discuss their progress. Approving the statement were the presidents of MIT, California Institute of Technology, University of Michigan, Princeton University, Stanford University and Yale University; the chancellor of the University of California at Berkeley; and provosts representing Harvard University and the University of Pennsylvania. "We recognize that this challenge will require significant review of, and potentially significant change in, the procedures within each university, and the scientific and engineering establishment as a whole," the statement said. MIT President Charles Vest shook the university community in 1999 when he publicly acknowledged that gender discrimination existed within his university's faculty.

He was prompted by a five-year study led by MIT molecular

biologist Nancy Hopkins. That study found, among other things, women in the School of Science had lower salaries and less office space than their male counterparts. MIT has since raised women's salaries and increased research money and lab space for female faculty. The school received a \$500,000 grant last year from the Ford Foundation to promote similar efforts. "There have been hundreds of reports just like MIT's, collecting dust," Hopkins said after the new statement was issued. "I thought it (the statement) was a milestone that never could happen in my lifetime." Howard Georgi, a Harvard physics professor, said the problems at Harvard may be different than MIT's but no less severe. "If we reach agreement on this problem here, it will have an enormous impact everywhere in the country," Georgi said.

Student Development and Academic Services

Presents:

Accelerated Learning Workshops for Spring 2001

Let's Get Motivated!

Did you begin the new year by resolving to stop saying, "I'll do it later?" Despite your good intentions, do you now find yourself having problems keeping up with and getting excited about your classes? Learn some tips on how to stop procrastination and increase motivation!!!!

Wednesday, February 7, Noon to 1 p.m.

Student Center, Ballroom B

Test Your Best

Do you know the material but still don't score well on exams? Conquer anxiety and earn higher test scores by learning what to do before and during an exam.

Wednesday, February 14, Noon to 1 p.m.

Student Center, President's Room

Balance—Get Good Grades & Still Have Fun

Are you in danger of being a "schoolaholic?" CSM's most successful students DO NOT study all the time. This workshop discusses ways to balance all areas of your life here at Mines as well as in the future.

Wednesday, February 21, Noon to 1 p.m.

Student Center, Ballroom B

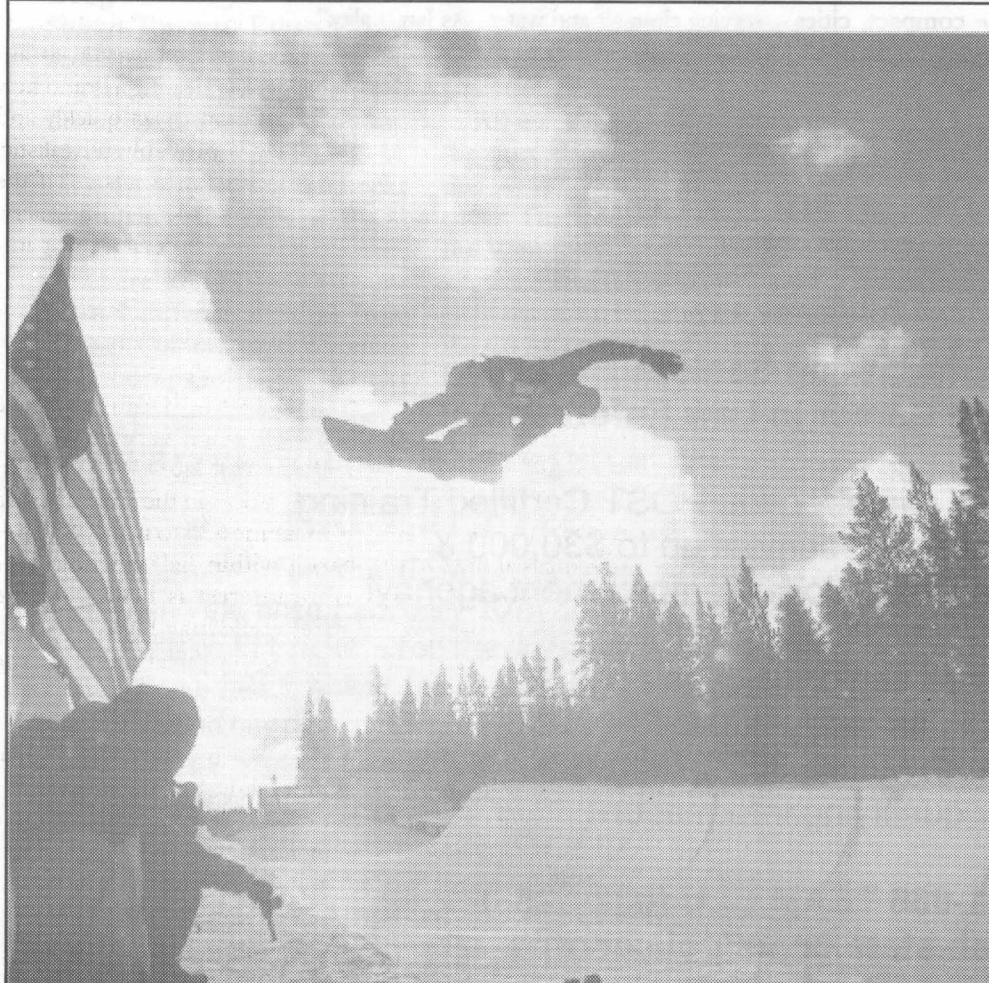
Rapid Read Your Textbooks

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Wednesday, February 28, Noon to 1 p.m.

Student Center, Ballroom B

For more information call Student Development and Academic Services, 273-3377



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1 and 1 is 11 Reasons for Gas Price Increases

Dr. A. F. Alhajji, Ph.D.

Dr. Alhajji is a contributing editor for World Oil Magazine and the author of the forthcoming book *OPEC and the World Oil Markets: An Alternative View*.

On the Supply Side:

1. Refinery outages last winter: The gasoline prices crisis began last winter with refinery outages and maintenance problems, which reduced the supply of refined products including gasoline.

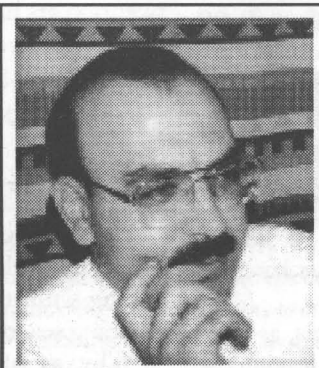
2. Cold winter: The cold winter in the northeast United States increased the demand for heating oil. Higher heating oil prices encouraged refiners to produce more heating oil rather than gasoline during a period where refiners should have been building up gasoline stocks for the upcoming driving season.

3. Increase in oil prices: Oil prices reached \$34 per barrel last March, and prices are still hovering around \$30/b these past few months. Many factors contributed to higher oil prices including worldwide decline in production capacity because of lower oil prices in 1998. Political problems and labor strikes in oil-producing countries contributed to the increase in oil prices. Conflicting reports and press releases from OPEC, the U.S. Department of Energy and the International Energy Agency prevented prices from decreasing, despite an increase in production.

4. Price gouging: The U.S. federal government said that price-gouging by the oil companies, refiners, pipeline owners, and others is to blame for higher gasoline prices, especially in the Midwest (subpoenas were issued late last June). Based on the government's claim about price gouging, oil companies were investigated; the government failed to find any evidence to support its claim. However, price signaling (gas stations posting prices for everybody to see, including the managers of neighboring gas stations) is common in the United States. Gasoline prices in some areas of Golden, Colo., are at least 20 cents cheaper than in other areas only a few miles away, even at the same gas station chain.

5. Government regulation requiring RFG: Oil companies refuted the government's gouging claim and blamed the government itself for higher gasoline prices. Most analysts believe that the Environmental Protection Agency's regulations of June 1, 2000 regarding polluted cities is to blame for higher gasoline prices. Such regulations increase the cost of production and decelerate gasoline production where refiners are

not able to meet demand because of reblending (lower supply of RFG). A recent report by the Congressional Research Service estimated that the RFG requirements added about 25 cents to the price of gallon of gasoline in the Midwest. The government argued that its regulations did not cause gasoline prices to increase because gasoline prices in various Texas cities, where the EPA's regulation is imposed, are lower by 28 cents than Oklahoma City, where the regulation is not imposed. But analysts believe that



Dr. Alhajji

higher gasoline prices in Oklahoma are the result of "gasoline migration to the north" where gasoline was shipped from Oklahoma to Illinois and Michigan because of higher profit margins. This means government regulations contributed to higher gasoline prices even in cities where the law is not imposed.

6. Unocal's patent: Unocal's recent victory in a U.S. federal appeals court entitled Unocal to collect royalties on its patented method of refining reformulated gasoline. The court upheld the 1997 jury findings that Exxon, Mobil, Chevron, Texaco, Arco and Shell all had infringed on the patent. Last month, Unocal an-

nounced the collection of \$91 million from rival oil companies using Unocal's gasoline refining method. Unocal's victory increased the cost of gasoline, which will be passed to consumers in the form of higher gasoline prices (5.75 cents a gallon). Oil companies may have already passed some, if not all, of the \$91 million to consumers. Avoiding the use of Unocal's method of refining reformulated gasoline may add an additional 5 cents a gallon according to industry sources. In addition, Unocal's victory reduced the supply of gasoline because some refiners stopped using Unocal's method, fearing a lawsuit or the payments of millions of dollars if they continued.

7. Pipeline problems: Last March, a fire-damaged segments of the Explorer pipeline that links refiners on the Gulf Coast to St. Louis and Chicago. After the repair, the volume of transported gas was decreased by 10 percent on the request by the U.S. Department of Transportation (government regulation again!). Currently, the pipeline is transporting 490,000 b/d and can be increased to 560,000 b/d once the limit by the Department of Transportation is lifted. In addition, a leak in the Wolverine pipeline, which links Chicago to Michigan, interrupted shipments for five days in June.

8. Low inventory: Although pipeline problems and government regulations contributed to

low inventories of oil and gasoline, the oil industry is not able to build up inventory because of the uncertainty in the oil market. Expectations of higher OPEC production and lower oil prices are preventing refiners from building inventory. However, the problem is exacerbated once prices start declining. Inventory levels will not increase because refiners expect prices to fall further. Last month, government reports indicated that crude oil inventories are about 20 million barrels below normal for this time of the year. Similarly, gasoline inventories are at a low level.

On the Demand Side:

9. Popularity of gas-guzzling SUVs.

10. Economic growth and higher individual incomes.

11. Speculation: Previous experiences indicate that speculators may have influenced oil prices by up to \$4/b and gasoline prices by up to \$8/b.

Will increases in oil production or SPR withdrawal help?

No, even if OPEC agrees to additional production increase. It takes at least seven weeks to produce transport and refine any addition from the Middle East. Most of the added crude is heavy (sour) crude, which is not suitable to produce gasoline at a reasonable cost. The gasoline market needs light (sweet) crude oil.

The Oil Price and The Doomsday Scenario

Professor Paul Stevens

Centre for Energy, Petroleum and Mineral Law and Policy University of Dundee, Scotland

In scenario planning there exists a concept known as the "doomsday scenario." This is the scenario that has a very low probability of occurrence but, if it were to happen, would severely damage the corporation. Needless to say, such a scenario receives special attention. Currently, while attracting little attention, such a scenario looms for the oil market with one important difference. The catastrophic consequences by any reasonable analysis actually have a relatively high probability of occurrence.

This scenario begins with the February 6th general elections in Israel. As of this writing, Ehud Barak lags painfully in the polls while Ariel Sharon has around an 18-point lead. Although Israeli pre-election polls are notoriously inaccurate, unless Labour can somehow pull the proverbial rabbit out of the hat, it seems that Sharon will be the next prime minister of Israel. If his visit to the Al Aqsa Mosque could trigger the revival of the *intifadah*, his elevation to control in Israel must surely provoke even greater levels of violence. The Palestinian authority now has little control over the wilder wings of the *tanzim*. Their

post-election activities are likely to again provoke a grossly violent over-reaction by the Israeli armed forces of the sort seen over the last three months. However, this time the over-reaction is likely to be magnified tenfold under the watchful eye of Sharon. After all, this is a man who many believe should be standing as an indicted war criminal in The Hague rather than in charge of an Israeli cabinet. At some point in this dismal scenario there is a strong possibility that an Israeli settlement will be over-run, the consequent massacre feeding the frenzy to undreamt-of heights.

If this painfully gloomy forecast comes to pass, it is inconceivable that the Arab governments can sit back and do nothing. The Al Aqsa *intifadah* has sensitized the mass of the Arab people to demand that their governments take action. Even in Kuwait, there has been popular sentiment in favor of the Palestinians. The question is what sort of action might be expected? Much of the hostility of the street will fall upon the United States. There is a strong possibility that while the expected violence unfolds, the new U.S. administration (which is likely to look little beyond its own western hemisphere) will do little. This, if anything, will feed the hostility

in the Arab street. Given that a military option for the Arabs is probably unrealistic, the only effective lever available to them is oil.

What form this lever might take is obviously uncertain. However, the traditional "allies" of the U.S., such as Saudi Arabia, are extremely unlikely to impose some sort of explicit export embargo. It is more likely they will resort to rhetoric. While this will be aimed at pacifying their domestic populations, they could well provoke a strong response among the paper barrel traders. Although many now argue that the traders have become inured to violence in Palestine, the expected scale of violence is likely to influence even the most hardened of traders.

The traditional "enemies" of the U.S. are less constrained in their actions. It is highly plausible that Saddam Hussein would stop all (legal) oil exports explicitly to punish the West for its support of Israel. His drum banging and flag waving on behalf of the Palestinians have already won him much popular support in the Arab world. Being seen as willing to

deny the West its lifeblood would receive many plaudits. So far he has stopped short of such action for fear of losing support from France, Russia and China, which he saw as the key to the removal of sanctions. However, the general lack of progress in this direction, plus the prize of the leadership of the Arab world at least at a popular level might well persuade him to rethink.

Again it is tempting to view such a stoppage with unconcern. The dramatic reduction in Iraqi exports in December that should have caused prices to spike actually coincided with a \$10 fall in price. However, as could be seen from the price differentials at that time, the world was awash with heavy sour crude. Also (and most crucially) Saudi Arabia quickly and publicly made it clear it would replace any lost Iraqi oil. In this new scenario, it would be political suicide for the Al Saud to do the same thing. The best that could be hoped for would be a deafening silence from Riyadh. Only if the U.S. was seen to be seriously pressuring Sharon might lost Iraqi crude be replaced. At one level, such pressure is not too far fetched. Prior to the last eight years of a

U.S. administration more favorable to Israel than any since Harry Truman, another George Bush together with Secretary of State Baker (still influential in the current administration) did effectively pressure Israel. However, at another level, expecting a brand new administration to act quickly and decisively is probably unrealistic. Also U.S. pressure on Israel, if the context is a settlement massacre, could prove difficult, if not impossible.

The outcome of such a scenario would be a price spike. How high is debatable. Modern trading methods can push the price very high very quickly. In 1991 at the launch of Desert Storm, prices in the Far East rose from some \$20 to nearly \$50 per barrel within half an hour. Of more interest is how long the price would stay high. This depends upon the reaction of the various players. However, even assuming core OPEC decides not to defend the higher price as they did after the second oil shock of 1978-81, without their active intervention, prices would remain higher, a situation that would suit many of the producers. If the violence descended into a long drawn out war of attrition, the higher price could be around for some time.



Prof. Stevens

Mines Alumn Sees The World

James K. Molden, '60, BS Petroleum

Maggie Roderick

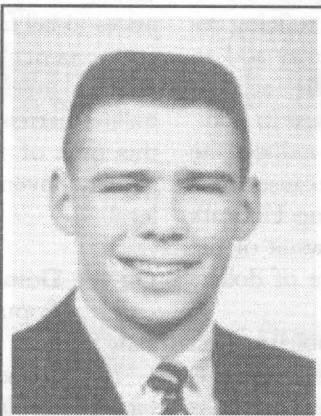
After James K. Molden graduated from the Colorado School of Mines in 1960 with a degree in petroleum refining, he went to work for Universal Oil Products Incorporated. In the 40 years Molden was with UOP, he spent 21 years overseas.

Molden's tour of European oil refineries brought him to Germany, Spain, Italy, England, and Finland. On June 8, 1998 Molden retired from the District Technical Service Manager position, in the process division of UOP.

While touring Europe, Molden raised a family. Molden met his

wife Barbara, who was born in what is now Poland, while working in West Germany. Around 1965, Molden's son Tom was born in Finland. Three years later his daughter Heidi was born in Germany, and three years after that his youngest daughter Sabine was born in England. Sabine graduated from CSM in 1994 with a Bachelors degree in chemical engineering and petroleum refining.

Currently James, Barbara, Heidi, and Sabine reside in Seattle, Washington; their son Tom is working overseas in Dresden, Germany.



James K. Molden

Greek Speak

Dan Benedict

Interfraternity Council Publications Chair

Editor's Note: This is the Interfraternity Council Publication Chair's column, and represents the voice and views of the Greek system on campus.

The Greek System at the Colorado School of Mines is unique when compared to the rest of the organizations on campus. As a whole, Greeks make up 18.5% of the undergraduate student body. This is a staggering number by itself, but when you consider that these same people are officers or active participants in nearly every one of the other activities offered at Mines, and when you toss in thousands of hours of community service each semester, one might even be tricked into thinking the Greek community isn't totally evil or worthless! One might also think that with such a visible and positive role in the school and local community, the CSM Greek system would have at least one advisor or director to help coordinate activities and promote a healthy image, but sadly, there is none. This lack of influence may contribute to the negative image and poor publicity Greeks receive outside of their chapters. For example, there is no headline in the paper for ATO being involved with Club Homework in Downtown Denver, working with inner city youth. The only time they were recognized was for their "E-Days Riot". Also, absolutely nothing about the Kappa Sig donations to charity or the Sig Ep balanced man scholarships was made available to the public eye, just the surfacing of accusations of drug use. I could go on and on, but simply, my point is this: the Greek

community needs an advisor. CSM has seen fit to provide us with the services of Cairn Anderson-Lindloff, who is doing excellent work, but the job of Greek Advisor, combined with her office as Director of Student Activities, is too much for one person to handle. She is wearing herself out. Cairn Anderson-Lindloff works amazingly well with us given her limited time, and she wants to do more. The only way this will happen is if CSM starts treating the Greek system as a legitimate set of organizations and hires her to be its full time representative. She would be the one in charge of public relations and trumpeting our successes, rather than to let our image be tainted in the ink of the ambitious and ignorant; one to act as a comrade in arms when conflicts emerge; one who will always act in our best interest, yet be mindful to point out our shortcomings. She is trying to do the work already, now it is time to give her the full vote of confidence. For what other reason should this be done aside from goodness? Adequate representation for the approximately 400 Greeks on the Mines campus. The Minority Engineering program currently employs three people, while serving a student body of 344. The dorm dwellers, numbering 550, have a director and two full-time support staff working for them. At the very least, it is time to recognize all players in the CSM Community, and move forward in the big picture. All the Greeks are asking for is to be given one advisor, and that seems to be a very reasonable request.

Duty Free and You

Rusty Lannin

If you have ever been in the international terminal of an airport, you've probably noticed the Duty Free shop. It's really a magical place: a shop with no taxes or duty on anything that is within its walls. The effect on prices are shocking: prices are about 10 to 15 percent lower than anywhere else you can conceivably purchase this item.

The idea behind this, as I see it, is that since you are leaving the area you have no need to pay the taxes that you would pay if you lived in that area. Thus was born the Duty Free Shop in international terminals of the airport.

Now there are some flaws to this arrangement. In Europe, for example, many times you will take trains from one country to another and have no chance to buy duty free items. The few trips that do include this activity, such as Chunnel connections between England and France, are far and few between.

The idea of Duty Free is great for humanity, but really, what is the percentage of people out of the global population that travel internationally? I don't know either. I would guess less than 1 percent. This is what I find to be a travesty to people that might as well be unaware of its repres-

sive affect on their personal economy. Many people are moving around all the time. As we all know, the past ten to twenty years have shown a strikingly high increase in the level of

Rusty's Odd Thoughts

air travel. This year already is recording an expected air travel level to compare, if not surpass, last years' air traveling. This is all happening with in our own, sea to shinning sea, country.

Why, as of yet, do we not have Duty Free shops in all airports available to all travelers traveling anywhere? This is what I find odd. If one has taken a vacation to New York, the last thing that they wish to do is foot the bill for the Mayor chaffers pension plan. Airports are expensive, they always have been, why do they need to pay tax (and thus pass it on to the consumer) on things that are not going to be carried out their doors? The truth is they should not. All city, county, and state taxes should not be included on anything purchased on airport property, for the simple reason that the individual purchasing these items are shortly to out of the jurisdiction (police, fire department, etc.) and safety nets (county hospitals, roadways, etc.) for which these taxes are going to pay. I don't know, it was just an odd thought.

Web Review

James Oltmans

I was somewhat dismayed this week as I searched the CSM servers for a worthy site. I searched and searched and covered ground I'd been over before and then, I found it: a truly wonderful site on the CSM servers, one that actually impressed me. Let's take a look at what Marc Stanley Hamilton did at <http://egweb.mines.edu/mhamilto>. First, he has a splash page, basically a simple first page with graphics or other "splashy" elements. Sometimes these can be annoying, but only if you expect people to return to your site a lot. With home pages these are definitely not a problem and,

since he put music from the *Matrix* on the page we can forgive him more than he'll ever know.

On the main page we find that Marc did a lot of good things there. One good thing is that he has just a little bit of text and a picture on that first page. If people have to scroll on the first page, that can be a bad thing. One minor little booboo on this page is that when you hover over a link in the text the link changes color and weight. Just changing the color is a good thing but when you change the weight (i.e. bold, italic) you change the spacing and that causes the re-

distribution of words in the paragraph which is distracting. But anyway, otherwise, NICE JOB! On the left Marc has placed some PNG animated links. What's PNG, you ask? Well, it's the latest internet graphics format. Its greatest asset is the fact that it allows for alpha channel transparencies (drool). Not too many graphics programs adequately use this feature; newer ones probably will but in some older programs PNG was an afterthought and the alpha channel features may be prohibitively difficult to access. Now, however, it's quickly becoming a widely accepted graphics format. Most browsers will display PNGs with ease.

I would also like to call your attention to the fact that Marc has a resume; I don't review sites that don't have resumes, so sometimes that does preclude some otherwise good sites. Read his resume, hire him if you can. As far as the rest of the site goes, it's great, an absolute model of perfection in design, execution and implementation. Learn from Marc, be the Marc. Overall rating: 5 out of 5 stars.

Dr. Bella Vivante

Hennebach
Visiting Lecturer

"Women Warriors:
Did Xena Exist?"

Tuesday,
Feb. 20, 12pm
Student Center Ballroom B

Drinks and snacks
provided.

For more information,
contact Virginia Barbier in
the LAIS department at
(303) 273-3750

Dr. Thomas Furtak
Professor of Physics

2000 Faculty Senate
Distinguished Lecturer

Wednesday,
Feb. 14, 4pm
Petroleum Hall, Green
Center

Presenting:

It's Time for a
Change to a More
Effective Paradigm
in College Teaching

CSM Panhellenic will be hosting an annual fundraiser for Valentines Day called Val-o-grams. They will be selling a bundle of candy and a balloon for \$3.00 or 2 for \$5, and an optional flower for an additional \$1.50 on February 9, 12, and 13 from 11:30-1:00 in the Student center. We will then deliver the Val-o-grams on Valentines Day to the lucky recipients.

What to do in Golden...

Stephanie Onorofskie

I have often heard, "There isn't anything to do today, so I think I'll go to the Ace." Here is a chance to get away from your computer and the Ace. Go outside! There are many outdoor adventures awaiting you in Golden: hiking, snowshoeing, biking, cross-country skiing, trail running and many others. The trails to get you to these adventures are listed below with a brief description of the trail. Try it, you might like it...

Heritage Dells Trail:

Moderate walk, bike. Trail runs north from Apex to Heritage Dells Park

Chimney Gulch Trail:

Moderate hike, horse, very difficult mountain bike. Access on Highway 6 at Lariat Loop Road. Natural open space, access to Clear Creek.

Tucker Gulch Trail:

Easy walk, bike, paved, 1.1 miles one-way. Trail begins at Vanover Park, located at Ford and Water Streets. The trail follows a natural drainage through north Golden, ending at Norman D. Memorial Park.

Lookout Mountain Trails:

Easy - Moderate hike, horse, mountain bike, ski. trail connects Beaver Brook Trail to Apex, via Jefferson County Nature Center atop Lookout Mountain.

Jefferson County Nature Center:

Easy walk, bike. A 1 1/2 mile interpretive trail on Lookout Mountain at the Jefferson County Conference and Nature Center off Colorow Drive. Connects to Lookout Mountain Trail.

Red Rocks/Dakota Ridge Trail:

Moderate hike, horse, mountain bike. Trailheads at Matthews/Winters Park and Hogback at I-70. Loop trail through Red Rocks formation, along ridge on hogback and across streams. Scenic vistas, wildlife.

Beaver Brook Trail:

Difficult hike, mountain bike. Trail traverses rockslides, use of topographic map recommended. Trailhead near summit of Lookout Mountain on Lariat Loop at Windy saddle. Forest, streams, wildlife habitat.

Clear Creek Trail:

Easy hike, bike, fine gravel, 1/2 mile one way. Trails run west from Washington Avenue along scenic Clear Creek through the park.

Centennial Trail:

Moderate hike, bike. Easy access from Jefferson County Open Space off Denver West Parkway. Geological formations and views of metropolitan area.

Apex Park Trails:

Moderate hike, horse, mountain bike. An 800-foot climb between trail heads at Heritage Square parking lot and Lookout Mountain Road. Historic Apex and Gregory Wagon Road still visible.

Matthews/Winters Park Trails:

Easy - Difficult hike, horse, mountain bike, ski. Park entrance just South of I-70 at the Morrison exit. Foot-hills natural area. One mile trail loop. Historic Mt. Vernon town site. Total of 8 miles of trail connecting Red Rocks amphitheater and the Hogback.

White Ranch Park Trails:

Easy - Difficult hike, horse, mountain bike, ski. Park entrance off Golden Gate Canyon Road, west of Highway 93. A 1200 foot climb to park with picnic areas, hike-in campgrounds, wildlife views.

Golden Gate Canyon:

Easy to difficult hike, horse, mountain bike, ski. Park entrance North of Golden on Highway 93 and West of Golden Gate Canyon Road. Wide range of trails. Both back country and drive-in camping. Many facilities. Check with park officials to ride in Gilpin County.

Make this E-Days awesome!

E-Days Meetings

5:30 pm

Feb. 20, Ballroom B

Mar. 6, Ballroom A

Mar. 20, Ballroom A

Apr. 3, Ballroom C

For more information, contact

brandonhamilton@nettaxi.com or (303) 273-3908

Just Been Wu'd

Allan Strong

A friend of mine mentioned that a band named The Big Wu was playing at the Fox Theater in Boulder for the trivial cost of eight dollars. I had never experienced the Wu, but for eight dollars it was worth a try. Before I go into detail about the Wu experience, I figure I should give a little background.

The Big Wu is a grassroots band that comes from the bitterly cold reaches of Minnesota. Frequently questioned about the Wu's purposes, relations coordinator Randy Alexander would maintain that they are all about the fans. However, the name Wu comes from the Chinese word for *the uncarved block* or *the absence of nothing*, a self testament that *The Big Wu just is*.....

.....a good freaking rock band in my modest estimation. The show in Boulder seemed to go on forever, with a string of musicians filtering their way onto the stage. The music was variable, oscillating from bluegrass, funk and even good ol' rock n' roll. The Wu played a solid two sets over the period of three and a half hours, letting up for a brief intermission that allowed the audience to catch their breath before a

blisteringly hot second set that culminated in two encores. The first encore brought all the guest musicians on the stage for ridiculous solos that left me thinking my eight dollars was gone and now I was making profit. After the first encore it seemed like the Wu were done, but just as hope began to fade they came out again; now with two more musicians they "found back stage". After ripping out a cover of *Johnny B. Goode* that nearly shredded the sound equipment and left the audience for dead, they were done; I had been Wu'd, and lived to tell the tale.

The Wu would later go on to play two more shows in Colorado and mentioned that they had such a good time that they would like to cancel their shows in South Dakota and come to Colorado again. But really, who could blame them. So if you are in town in May they might be too, and Lord knows you should all be Wu'd.

For more information please go to www.thebigwu.com. The Big Wu have given fans permission to spread their music: please see www.etcree.org, and spread the wealth.

Poetry Corner

Golden, my fate, tarnished and rusty
A dust-bowl panic happenstance woman lusty
Heartstrings broken, tired bonds made
Rolling along the hills ablaze
Pavers mortared, grey bricks laid
Staring off with my field agaze
Walking to the store to buy some happiness
And they are out of tangerine juice
-Willy Will

A heaviness lays upon my chest
And at best
I do not know how to deal
Or how to feel
About your death. I do not understand
The absence of your hand
So close to me that I could smell you
And should
Be able to smell again. But the earth
Now void of your birth
Contains no scent as sweet to me. Your eyes
I can not deny
Saw me as I was and yet still
My sorrow healed
With the gentle loving look they gave to me.
I cannot write much
On how you touched
The most intense part of my soul for you.
I only wish I knew
How long it will be until
I see
You once again, Jason.

Julia Pennebaker

Jason Michael Malberg (1/30/81 - 11/11/99)

Please be still
By liprr

Be still my heart
No flutter or flap
Hold so quite almost nap

I'll hold your hand when no
one will
We'll sit together so very still

You wipe my tears, pat my
back
Against the world nothing
we lack

I will help you stand strong
and see
We can walk together how-
ever long or free

O so still next to me beat
Close so close soon joy we
meet

I'll mess your hair and
touch your cheek
Walking loudly through
time never meek

We can both close out eyes
and weep
Have no fear I, I will watch
you sleep

Be still my heart
Please be still
O so StillMY Heart

Wudan Opens Up a Can

Allan Strong

She was secretly trained Wudan, and now the lost Dragon seeks her path. The movie *Crouching Tiger, Hidden Dragon* is cut differently than the rest. Successfully upholding classic Chinese opera, the movie shows the audience a glimpse of what the world of movies could be.

Crouching Tiger is a story depicting the intertwining nature of life, wrapped neatly into a fairy-tale. For those that have never been witness to Chinese fairy-tales, a word of warning: people will fly through the air and perform feats of strength beyond the capacity of humans. It

would be wise to check reality at the door, except for the deep underlying message the story has to offer. *Crouching Tiger* offers effects from the makers of the *Matrix*, allowing the main characters to engage in thrilling martial arts combat scenes with a high degree of realism. Those trained in the Wudan fighting style will mesmerize the audience leaving them yearning for more. However, the combat scenes are just moments in the story of the Dragon, and in the end all eyes will turn to her. Will she find her way? Without seeing it, you may never know.

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The Country Mouse

By: Meredith Dzwilewski

If you are looking for something for the hard to buy for person, the Country Mouse probably has it. Co-owners Pat and Tia opened it in 1985, down at 1204 Washington Avenue. It is open six days a week: Mon. - Fri. from 9:30a.m. to 6p.m. and Sat. from 9:30a.m. to 5p.m. The shop features Colorado gifts, gourmet foods, local pottery and country décor. These are just some of the specialties. They also have antiques and art prints, professional custom framing and an assortment of standard-sizes.

The very creative personnel are helpful with last minute gift ideas for mothers or other relatives and even offer free gift-wrapping. Also, with Valentine's Day coming up, they have a great selection of cards, jewelry, stuffed animals (including Ty and Beanie Babies), along with many types, fragrances, and colors of candles. For those that visit the store often, you can pick up a Country Mouse frequent shopper card. As money is accumulated on the card, you are eligible for a gift certificate to the store. Every purchase will count toward the card, no matter what you buy.

When it comes to custom framing, the Country Mouse can do just about anything you would like. They have a long history of framing pictures for the School of Mines, including many athletic pictures. The Country Mouse is listed in the Golden Guide, put out by the Golden Chamber of Commerce, for Winter 2000 and Spring 2001, and is a member of the Chamber of Commerce. The ladies of the Country Mouse - Tia, Pat, and Sue - will be happy to help you with anything you need. Just come in and talk on a first name basis.

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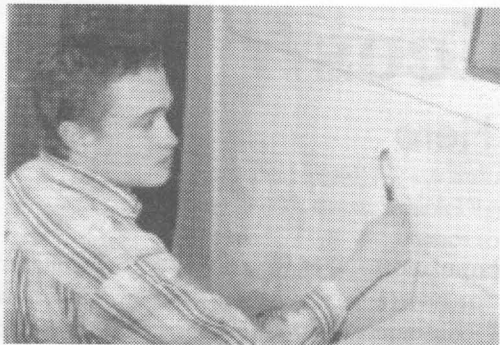
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oredig@mines.edu

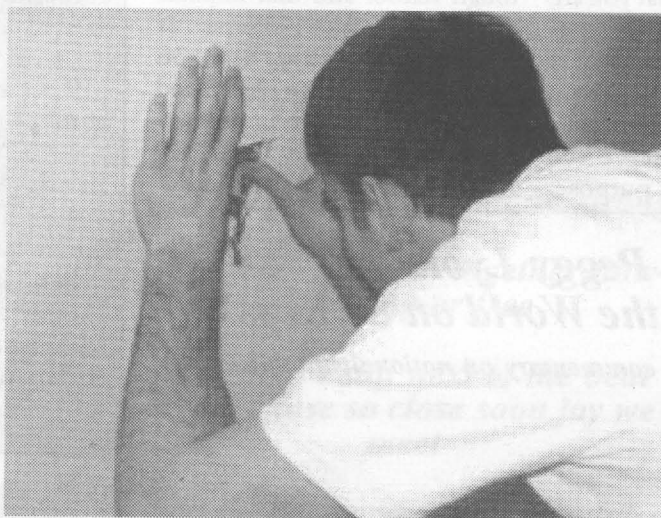
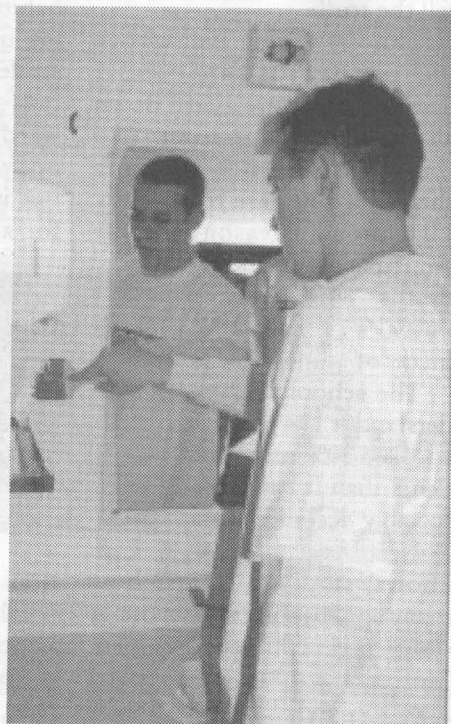
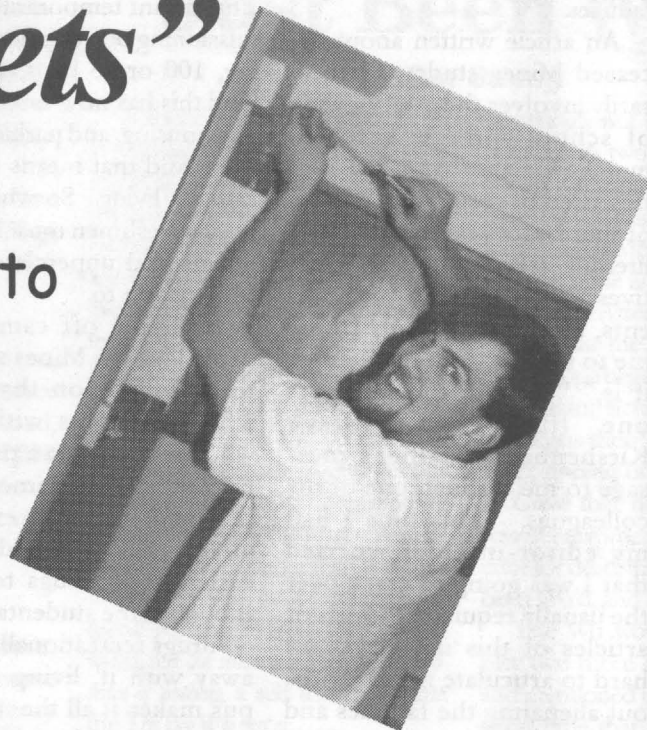
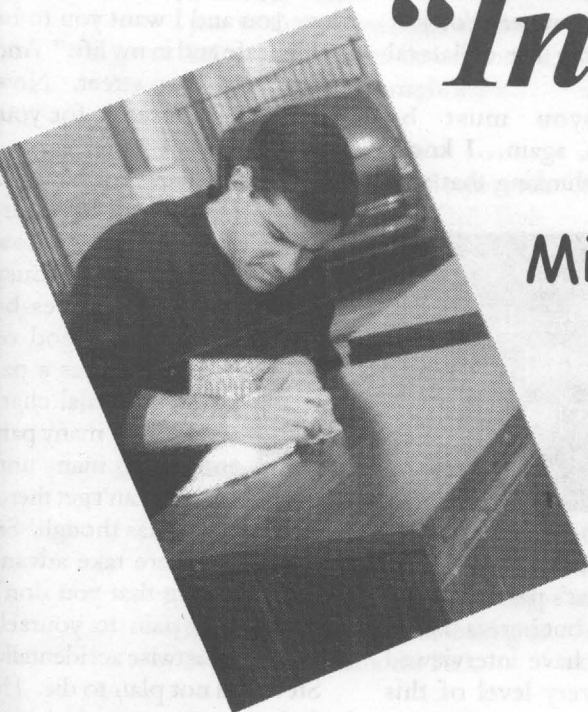
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CSM Goes

“Into The Streets”

Mines students give back to
the community through
volunteer projects



Photos by Daniel Adams

Drugs, Death & Bad Choices

Get Your Act Together and Remember Why You're Here

Faisal Hashem

It pains me now to report death. I've written so many obituaries, often due to reckless behavior, that I now experience sympathy pains with the victim's families.

An article written about deceased Mines students necessarily involves the interviewing of school and law enforcement officials. And I'm getting tired of seeing the impacts of these issues on them. I have literally seen hardened detectives almost in tears and parents, friends and family telling me to tell the truth, "tell it like it is," "...if he can save just one life..." was Steve Kirshenbaum's father's message to me through one of my colleagues. This time I had my editor-in-chief worried that I was going to crack over the usually requisite PCness of articles of this nature. I try hard to articulate myself without alienating the families and the Minescommunity and yet tell the truth.

This issue you will notice that our news is hard core. I decided to let my guard down and spit out the ugly truth. And this issue, I'm not stopping there. If you dare to read on, I'll tell you the reason for these painfully unnecessary deaths. What I believe. Faisal's "non-PC" piece of mind.

The school as I understand it has recently enrolled 20% more students than it can comfortably accommodate. This is because Mines knows, statistically, just how many applications to mail out in order to get 600 new freshmen. Murphy's law however applied here too and 725 or so freshmen qualified. The school was then obligated to accept their applications.

Now, before the school was blessed with this abundant crop

of freshmen, our administrators and student body were eagerly looking forward to some new facilities and dormitory renovations to be constructed this year. This meant temporarily decommissioning one dormitory building, 100 or so beds, at a time. And this has now caused a campus housing, and parking, shortage. And that means more off campus living. So what? That means freshmen must live in the dorms and upperclassmen are anxious not to.

By living off campus students lose the Mines spirit, the total immersion that occurs when one lives with others who are always in a panic over homework assignments, EPICS projects, and exams reviews. All of a sudden it is easier to do drugs too. And though some students at Mines do drugs recreationally, and get away with it, living off campus makes it all the more easy to conceal. No one can stay habitually intoxicated while living in the dorms. And more students living off campus has caused a perceptible shift toward a more urbane student body. This in itself is not bad but it does provide the pallet for a less scholastically ambi-

Sure you have the right to enjoy, express and even test your world, but not at the risk of reducing it's value to your peers.

I know you must be thinking that all this esoteric theory is fascinating but surely it is not deadly. Yes it is. It is, when you combine it with dangerous levels of testy behavior. A shift in perceived obligations and responsibility due to intoxication and "wishful thinking" as was the fatal flaw in this issue's death occurs. Had the students who were "concerned for Steve's welfare" due to his behavior, the behavior he could habitually practice off campus, not been challenged by fear of the consequences of their own indiscretions, they would have called 911 from the neighbors house and waited for the police or ambulance. They would have broken the window and called for help from Steve's house. They would have taken him in or stayed and watched him until he was safe. They would have been more rational, more responsible. Plainly their judgement was skewed. And their behavior is the urbane influence I spoke of. Their integrity and academic pride was not as much a concern as their wish to dwell in both Mines and the city.

Drugs don't kill, bad decisions kill. Habituation and complacency is risky in a school where,

as Dean Cheuvront once said, "you're doing well enough here if you can run on all eight cylinders." This is a tough school and that impacts the value of your diploma. If you forget why you are here, you run the risk of being challenged with unplanned and unpredictable consequences.

The currently greater than av-

erage Mines student population living off campus is, for now, a necessity. And it will continue to influence our community in many ways. It does not have to influence our memory of focus and purpose, however. You just don't have time for collateral damages.

I know you must be thinking...yes, again...I know you must be thinking that was

they typically solve their children's "issues" with money. Rather than suspending the critic and saying "what ever it is that is causing you to be testy, lose your focus and forget why you are at Mines. I love you and I want you to be healthy, safe and in my life." And this is a two way street. Now that I have exposed it for you, go and love your parents.

Life is not fair. You're right, we can't all have serendipity. And now that we are so busy too... But Mines by the grace of god or by accident has a paternal/maternal character. Sadly many parents just as many universities can't get there. Mines has though. So

while you are here take advantage of knowing that you don't have to bring pain to yourself and others, leastwise accidentally.

Steve did not plan to die. He had three new pets, hobbies and the life of Raleigh. He wanted for nothing but to live life on his own terms. He simply let the seemingly innocuous and generous urbane life style put him in harms way. Then along came his friends and having fallen for the temptress too, the family gaps grew. Mines fell further away, Steve's goals are gone and his friends well you figure it out...

I feel better now even if I did not write a well articulated PC article.

"If it were not for the drugs, Steve would still be alive. This reinforces my zero tolerance for drugs. I'm tired of seeing young people in body bags."

-Chief Boyd

"Our handbook clearly indicates a zero tolerance for drugs. Don't do it, or you may be expelled."

-Dean Cheuvront

tious community.

The Mines student body is in a focus and purpose lull. Many of you easily forget what you are here for. You forgot, what was once obvious to you, that you made an agreement with Mines to not erode the value of your degree, to help preserve the Mines objective, our purpose.

Letters Policy

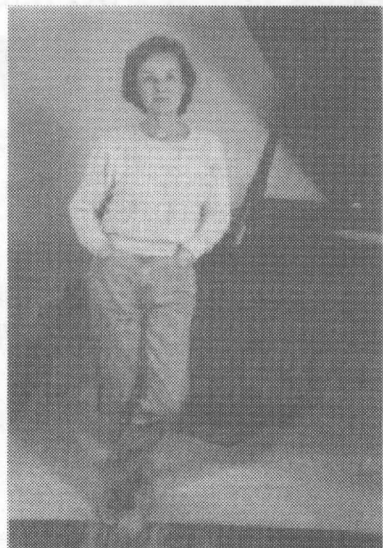
We invite *Oredigger* readers to write to us with complaints, compliments, or comments.

1. You must tell us your full name (but we won't print it if you so request).
2. You must give us your complete address and phone number (though we won't publish this info)
3. We reserve the right to edit letters for length and clarity.
4. The opinions stated in letters are the opinions of the author and not of *The Oredigger* and its staff.

Send mail to oredig@mines.edu, with a subject heading "Letter to the Editor." We would like to encourage our administrators, faculty and students to submit articles and comments. Call (303) 384-2188 for a distributions and submissions timeline.

Editorial Policy

Articles featured on the editorial pages are the views of their authors. Editorials are written by the staff of the *Oredigger* and unless otherwise noted are the views of the editorials staff. Columns and letters to the editor are the viewpoint of the individual writer and are not necessarily the opinion of the *Oredigger*, its advertisers or others who may submit opinion pieces for publication. The *Oredigger* welcomes and encourages contrasting viewpoints that meet the guidelines outlined above.



Peggy Lyon "Around the World on 88 Keys"

a concert with commentary on nationalistic music

Friday, February 9, 2001
7:30 P.M.
Friedhoff Hall, Green Center
Free Admission

Including works by:

Bach, Mozart, Chopin, de Falla, Piazzolla, Loomis, and Joplin

This concert is sponsored by the Artists and Scholars Program of the Division of Liberal Arts and International Studies of the Colorado School of Mines

Letter to the Editor

10 things you must believe to believe in gun control

Mike Thornbrue from
original ©1999, 2000 Michael Z. Williamson

1. You must believe that the more helpless you are, the safer you are from criminals.
2. You must believe that Washington D.C.'s low murder rate of 69 per 100,000 is due to strict gun control, while Indianapolis' high murder rate of 5.5 per 100,000 is attributable to the utter lack of gun control.
3. You must believe that I don't need a gun, therefore no one needs one, and and I have the right to impose that belief and will on them.
4. You must believe that Charlton Heston as president of the NRA is a shill who should be ignored, but Michael Douglas as a representative of Hand-gun Control Inc. is an ambassador for peace who is entitled to an audience at the United Nations arms control summit.
5. You must believe that statistics showing high murder rates justify gun control, and statistics that show increasing murder rates after gun control are "just statistics."
6. You must believe that free speech entitles one to own newspapers, transmitters, computers, and typewriters, but self-defense only justifies bare hands.
7. You must believe that we must get rid of guns because a lunatic may go on a shooting spree at any time, yet anyone who owns a gun out of fear of such a lunatic is paranoid.
8. You must believe that someone who fails to clear his weapon, fails to point it in a safe direction, pulls the trigger without checking the chamber, and blows his foot off is an example of how even a "trained professional" can be at "victim" of a diabolical gun, yet people in the military, who clean weapons millions of times a year without getting hurt, are "dumb grunts."
9. You must believe that guns cause crime, just like matches cause arson.
10. You must believe that guns aren't necessary to national defense, which is why the Army only has 3 million of them.

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htabrizi@mines.edu

Letter to the Editor

This year the EPICS department has the usual assortment of EPICS 251 projects. Except for one, which is special to me. The project is being done for Douglas County and involves finding the exact location of several graves inside a small Colorado pioneer's cemetery near Franktown. According to historical records, Frederick Bartruff, Rosa Bartruff Bihlmyer, an unnamed two-year-old Bihlmyer, and possibly one or two infants are all buried somewhere in the small (20-foot by 40-foot) cemetery.

The project's goal is to find the exact locations of the graves using geophysical instruments like two types of Ground Penetrating Radar (GPR 500 and GPR 900) and two electromagnetic devices (EM-31D and EM-38). You might be thinking that since the area is small, a shovel and some elbow grease would quickly solve the mystery. However, that's not the case here. The graves date back to around 1875, so there probably isn't much left of the bodies (especially the infants) and digging them up wouldn't be the re-

spectful thing to do; but there are other ways to find graves. For example, if the graves were dug through a layer of clay, the disturbed soil would show up using the GPR. If any metallic objects were buried with the bodies, the EM-31D or EM-38 would be able to find it; these instruments are also sensitive to the ground's electrical conductivity. None of this really makes this project any more special. What sets these apart is that the pioneers buried in the cemetery are blood relatives of mine.

Frederick Bartruff is my great-great-great-grandfather. Basically I'm five generations down the line from him. James Russel Oltmans II (Jim), my father, a CSM graduate with a degree in geophysical engineering, proposed the project to CSM. Douglas County recently purchased the ranch on which the cemetery lies. Jim's father, James Russell Oltmans, was raised on the ranch on which the cemetery is located. I have visited the graves myself, currently only marked by a single mass gravestone and bounded by a fence. The ranch is in county hands

now and will soon be converted into a recreational area or an open-space park. Jim thought the project would be perfect because Douglas County would like to have the graves marked at no cost to them and the task requires the use of geophysical instruments and data processing. Bob Knecht of the EPICS department approved the project and Mike Powers of the USGS is directing the project. Mike directs the five EPICS teams in his section. Each team is working in cooperation with each other to accomplish the original goal of finding the graves. Four of the five teams will operate one of the geophysical instruments while the fifth will lay out the grid and assist in processing the data. Each team will independently process the data, but in the end all the data will be combined to more accurately find the grave locations. The project is not a guaranteed success. In the end we may find nothing. But what we have learned will be worth the effort.

James Oltmans

Letter to the Editor

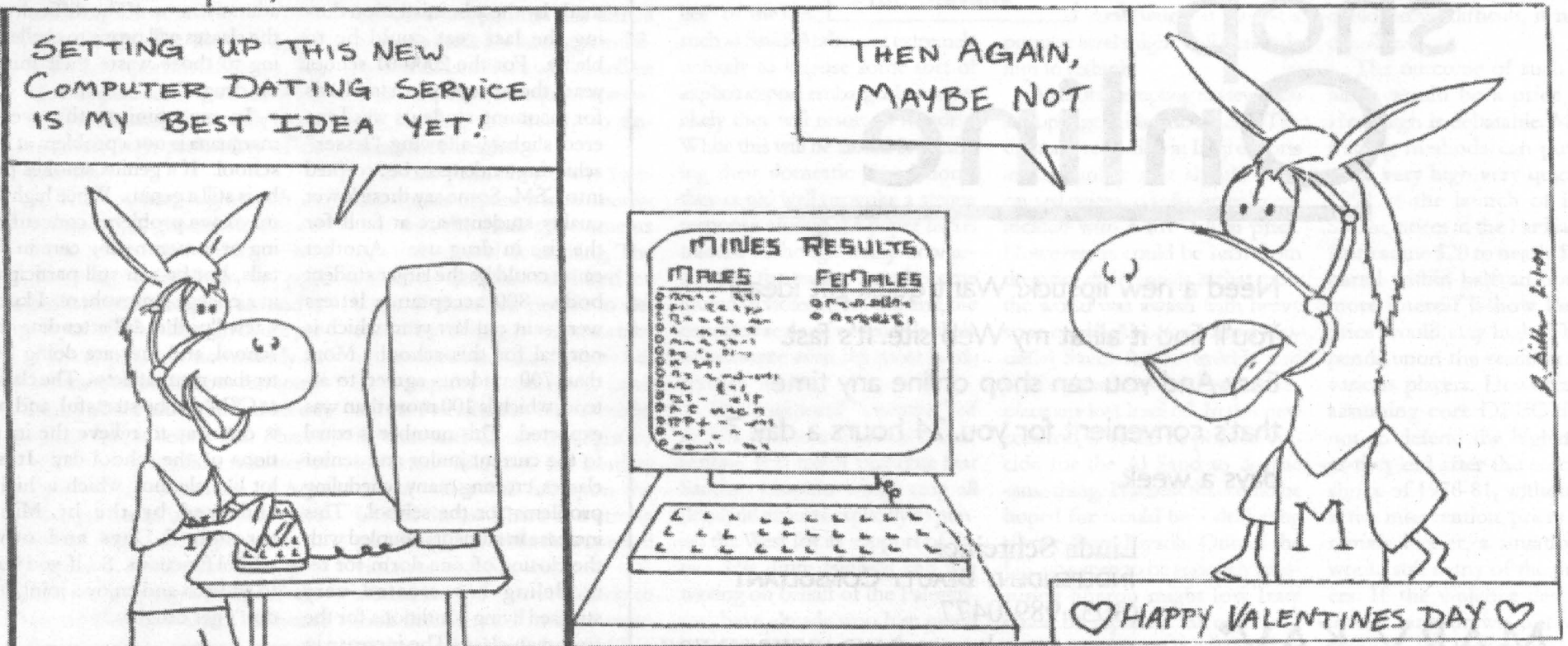
A coffee shop on campus? Is it true? Is the school actually going to put a coffee shop in the new technology building; are we that lucky? I certainly hope so, but somehow I doubt it. Oh I'm sure there will be a coffee shop on campus, but will it be somewhere we actually want to go for coffee? Knowing how things work on this campus, the school will probably choose to have Aramark or Starbucks run the coffee shop that is going into the new building, companies that are known for putting out substandard products. I am

sure that everyone who has eaten in the cafeteria here will agree with me about Aramark, but what is wrong with Starbucks many of you may ask. Well I ask in response, have you ever been anywhere else? I find that most people go to Starbucks because they hear the name on commercials and assume they have good coffee. The reality is that their coffee is some of the worst I have ever tasted. I find it has a very harsh, bitter flavor and is generally gritty. These are qualities I don't like in my coffee. I can't speak for anyone else.

What I would like to see the school do is bring in a small coffee company, a "mom and pop" company, so to speak. I generally find these are the places that have the best coffee because if they don't, they won't survive. Perhaps talk to one of the local coffee shops in Golden and see if they would be willing to run a shop on campus. If the school were to do this, I'm sure many students would go there for breakfast and for breaks between classes. I know I would.

Jason Alter

Mine-Swept by Jason Gibbs



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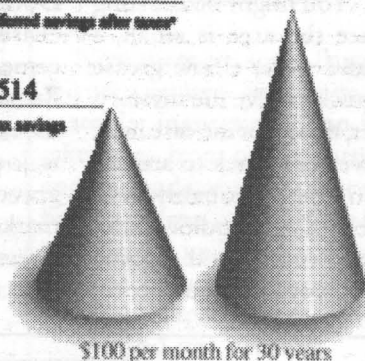
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The Desecration of the Constitution

Jason Alter

In recent years the Constitution of the United States has been ignored by the leaders of our country; in the next few weeks, I will look at some examples of this. Some may believe that these violations of the Constitution are in the best interest of the people, but that is not the point. The Constitution is still the ultimate law of the land: if it is wrong, it should be changed, not ignored.

This week I will begin with the First Amendment to the Constitution. "Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof; or abridging the freedom of speech, or of the press, or the right of the people to peaceably assemble, and to petition the government for the redress of grievances."

The clause regarding religion is violated on so many levels it is hard to know where to begin. The very practice of putting 'In God We Trust' on currency is a violation of this clause. The recent decision to allow the posting of the Ten Commandments in public schools is a violation because it favors the Christian establishment. In order for it to be legal the laws of all religions would have to be posted.

Freedom of speech is also no longer free; the government regulates it on many different levels. The government tells radio and television what to say,

such as public service announcements, and what not to say, such as obscenity, as defined by the FCC. There are also laws that prohibit political statements: in Michigan, it is a felony for the Sierra Club, ACLU, or Chamber of Commerce to advise the public as to how candidates voted on issues of concern to their members. A much more local example is that the owner of Denver's Tattered Cover Bookstore was forced to turn over her customer list to police because one of her customers was thought to be a drug dealer.

Freedom of the press isn't protected either. The government doesn't consider the electronic press to be protected, and has confiscated the property of such organizations, in many cases without filing charges. This was the case when the government confiscated the equipment used to publish *Phrack*, a worldwide electronic magazine about phones and hacking.

Freedom to peaceably assemble is also no longer free: you have to get a permit. It is no longer a right when you have to get permission to do it. In many cases officials have had to be sued before they realized that their reasons for denying the permit was not constitutional.

These are only some examples of violations of the first amendment. In the next issue we will look at the second amendment.

Letter to the Editor

In the first week of this semester, there were seven drug busts involving students. Since then, a few more students were caught in possession of marijuana. This recent increase in drug use reflects poorly on Mines, and has many people asking "why". Many decisions made by the administration during the last year could be to blame. For the 2000-01 school year, the acceptance standards for incoming students was lowered slightly, allowing "lesser" achieving students to be accepted into CSM. Some say these lower quality students are at fault for the rise in drug use. Another cause could be the larger student body. 800 acceptance letters were sent out last year, which is normal for this school. More than 700 students agreed to attend, which is 100 more than was expected. This number is equal to the current junior and senior classes, creating many scheduling problems for the school. This increase in students coupled with the closing of one dorm for remodeling has created very stressed living conditions for the freshman class. The increase in drug use is not the only prob-

lem to which these factors could be attributed. Some say that they also contribute to the recent rise in crime. What ever is to blame, most people agree that it is a problem that has to be dealt with. "The problem students will probably be weeded out by the end of the year," said one administrator. "The difficulty of the classes will prove to challenging to those waste their minds on drugs."

In my opinion, the use of marijuana is not a problem at this school. If a genius smokes pot, he is still a genius. While high, he may have problems concentrating or remembering certain details, but he can still participate in a college atmosphere. I know a few "potheads" attending this school, and they are doing better than many athletes. The classes at CSM can be stressful, and pot is one way to relieve the irritations of the school day. It is a lot like alcohol, which is highly endorsed by the by Mines through E-Days and other school functions. So, if you want to sit back and enjoy a joint, just don't get caught.

Josh Carrick

Mines Basketball

Kacey Kingry,
Sports Information Director

Hoopsters Get Fifth Straight Home Victory

The Colorado School of Mines men's basketball team beat the Colorado College Tigers 79-39 Tuesday night at Volk Gymnasium in Golden to record their fifth-straight home win and improve their record to 8-7 on the season.

The loss drops the Division III Tigers to 1-17 overall. The Orediggers are 5-4 in the Rocky

Mountain Athletic Conference.

Every active Colorado Mines player scored at least two points in Mines' most one-sided victory of the season. Senior guard Sam Handsborough and sophomore guard Matt Meyer tallied team-highs for the Orediggers with 11 points apiece. The 11 points marks a career-high for

Meyer.

Mines sophomore center Mike McNish recorded the game's only double-double with 10 points and 14 rebounds on the night.

Freshman forward David Ward tallied a game-high 14 points for the Tigers, while freshman forward Tommy Moore added 10.

Men and Women Fall to Nebraska-Kearney

The Colorado School of Mines men's and women's basketball teams both dropped losses to the University of Nebraska-Kearney Saturday at Volk Gymnasium in Golden.

The 74-92 loss puts the men at 10-9 on the season and 7-6 in the Rocky Mountain Athletic Conference, while the male Lopers improve to 15-3 and 11-2, respectively. The Lady Diggers' 53-64 loss drops them to 10-10 on the season and 7-6 in the conference while the Lady Lopers rise to 19-1

and 12-1 respectively.

Head coach Tim Harrison's Mines men shot 17 percent from behind the arc to Kearney's 44 percent.

Junior forward Jeff Shindelus paced Mines with 15 points in the game, while sophomore forward Justin Buckmaster pulled down seven boards for CSM. Sophomore forward Nick Svehla led the Lopers with 25 points and 11 rebounds in the game.

Head coach Vic Doperalski's

Lady Diggers out-rebounded the Lady Lopers 40-28 in the loss, shooting 37 percent to UNK's 44 percent from the floor. Junior forward Marissa Eichhorn and sophomore center Kim Good both tallied 14 points for Mines, while Good pulled down a game-high 16 rebounds in the contest. Sophomore forward Allison Kruger totaled 16 points in the game for Kearney and junior center Mamissa Mwenentanda grabbed nine boards for the Lopers.

Lady Hoopsters Beat Fort Hays to End Losing Streak

Golden, Colo. — The Colorado School of Mines women's basketball team ended a three-game losing streak Thursday night with a 73-71 win over the Fort Hays State University Tigers.

The win improves the Lady Diggers to 10-9 on the season and 7-5 in the Rocky Mountain Athletic Conference while the Tigers fall to 12-9 and 7-4, respectively.

Sophomore center Kim Good set yet another career high on the season with 31 points in the victory (her previous was 27). Good, a 6-5 Fort Benton, Mont., native, was just one block shy of a triple-double as she tallied 18 rebounds and nine stuffs along with her career point total. Good was 14-of-21 from the floor and 3-of-4 from the line in her 35 minutes of play.

Junior forward Marissa Eichhorn also tallied double-figures in points for the Orediggers with 20 on the night, and she also

finished second on the team with eight rebounds. Junior guard Reece Bollinger pocketed 10 points in the game.

Senior guard Shauna Porter totaled 19 points for Fort Hays on the night, while senior forward Kelly Priest had 18 and senior guard Maisha Prewitt totaled 16.

Mines trailed 31-33 at the half, but came back with 42 second-half points to get the win. Mines shot 84 percent from the free-throw line and 51 percent from the floor, while Hays shot 63 percent and 39 percent, respectively. Mines won the battle of the boards with 44 total rebounds to Fort Hays' 26.

Head coach Vic Doperalski's Diggers host Nebraska-Kearney at 1 p.m. in Golden for game two of their three-game home-stand.

Metro State College comes to Volk Gymnasium on February 6 at 6 p.m.

Check out the Kayak Club

Amber Brinson

Girls in bikinis, big strong masculine men, late-night parties under the stars in the middle of now here. Get out of your room, get out of Golden and join the CSM Kayak Club.

Pool sessions are Mondays 8 p.m. in the CSM pool. Whether you're experienced or just a beginner, there is always going to be someone there to teach you more.

No place to go on spring break? Come and work on your tan and have some fun when we go to Cataract Canyon in Utah and/or Salt River in Arizona. But no matter where we go, we always bring something to drink...

Finally, the Third Annual Spring Icebreaker Race is in April. Teams throughout Colorado come to compete in what promises to be one of the best kayak races this year (at least at CSM).

So come and join us, get some sun. Where else are you going to see swimsuits in February?

For more information contact Daniel Seeds at dseeds@mines.edu or Dain McCoig at dmccoig@mines.edu.

Hoopsters Drop Close One to Fort Hays

The Colorado School of Mines men's basketball team ended its five-game winning streak Thursday night with a 69-86 conference loss to Fort Hays State University. The loss, only Mines' second home defeat of the 2001 season, puts the Orediggers at 10-8 on the season and 7-5 in the Rocky Mountain Athletic Conference, while Hays moves to 16-3 and 11-1, respectively.

The final score was not at all representative of the game, as Mines only trailed 31-33 at half-time. The Orediggers were out-scored 35-50 in the second half, shooting 45 percent to the Tigers' 56 percent. Sophomore center Mike McNish tallied 14 second-half points (20 total) to lead the Diggers down the stretch, but it wasn't enough for the win.

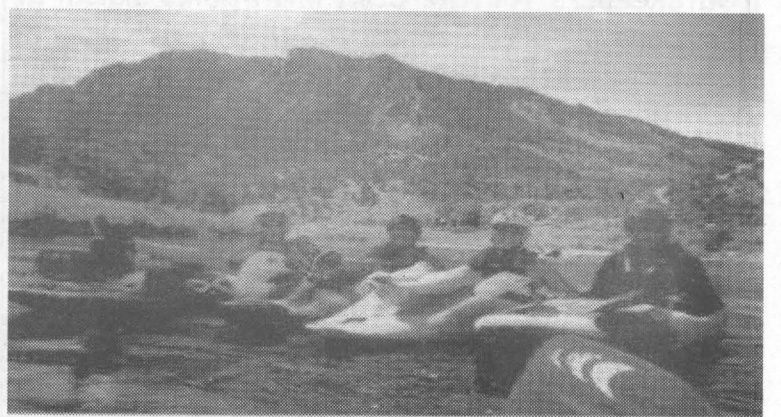
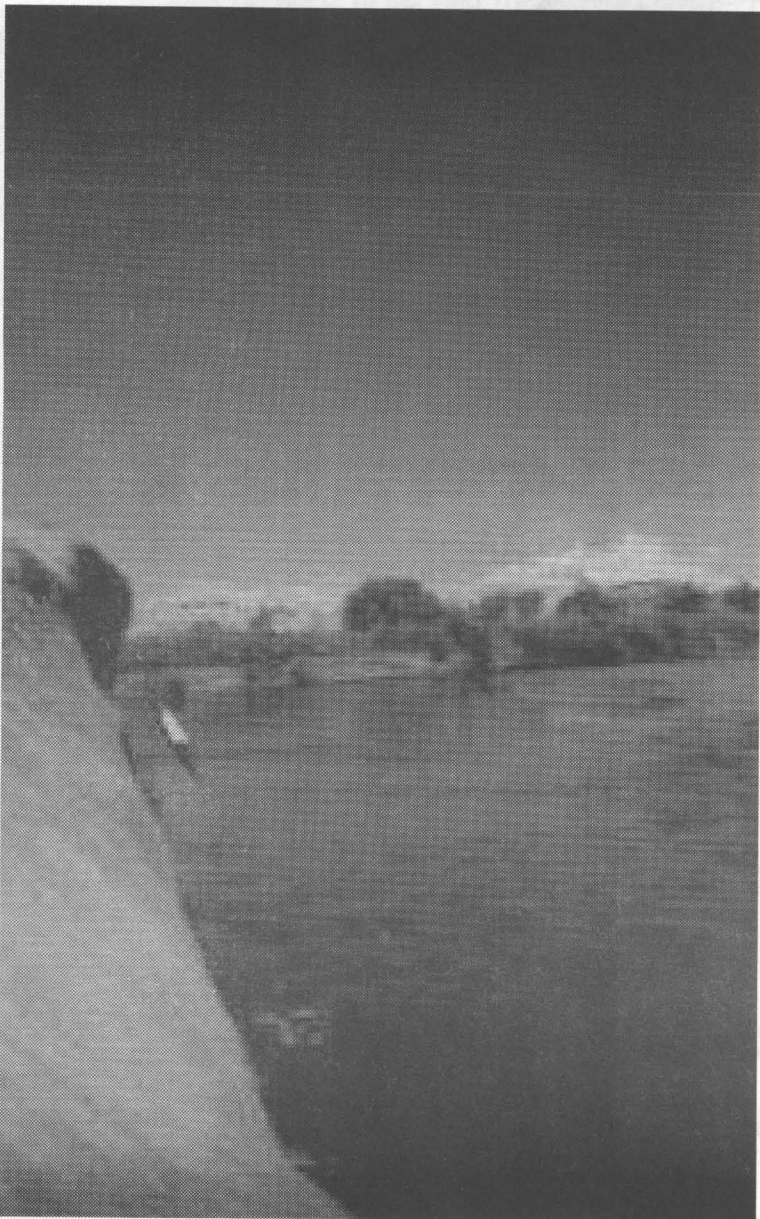
Senior forward Tony Tho-

mas stole the show as he finished with the game's only double-double, scoring 12 points and pulling down 21 rebounds (19 defensive) for the Tigers.

Junior forward Eric Valencia pulled down 11 CSM boards to lead the Orediggers in rebounds. Senior forward Kez Kennedy scored 14 points for Mines while senior guard Sam Handsborough pocketed 11 on the night.

Fort Hays barely won the battle of the boards with 39 to Mines' 38, but CSM saw more second-chance scoring opportunities with 18 offensive rebounds to Hays' 11.

Head coach Tim Harrison's Orediggers continue their three-game home-stand on Saturday when they host the University of Nebraska-Kearney.



Mines Track

Mines Takes 3rd in Joe Davies Invitational

Kacey Kingry, SID

The Colorado School of Mines indoor track team took third out of six teams in Mines' third annual Joe Davies Indoor Track & Field Invitational at Steinhauer Fieldhouse in Golden.

Western State took first place with 216 team points, while Adams State followed with 178. CSM grabbed third with 171 points as a team, while Chadron took fourth with 160, CU-Colorado Springs took fifth with 28 and Colorado College took sixth with 0.

Joe Davies was a track and cross-country coach at Mines from 1948-1980. He was an assistant football coach from 1948-1968, and an assistant basketball coach from 1948-1966.

Davies lettered at the University of Colorado on the track & field team competing in the shot put and in football as a shortside end. During his Buffalo football career, Davies played in the

1938 Cotton Bowl with Byron "Whizzer" White.

Davies coached Mines' only RMAC Outdoor Track & Field Championship team in 1963 and Mines' Indoor Track & Field Championships teams in 1965, 1966, and 1967. He was an assistant coach on the Orediggers' 1962 Championship (first in 50 years) basketball squad and on the CSM teams that led the nation in total defense in 1961 and 1962.

In addition, Davies was an assistant coach on the CSM Championship football teams of 1951 and 1958. In 1975, he was appointed by Governor Dick Lamm to serve on the Governor's Council on Physical Fitness.

Davies also organized the annual High School Invitational, a track & field meet held at CSM each year that featured the top high school track stars in the state.

Oredigger Wrestling

Grapplers Drop Dual to RMAC Leaders Chadron

Kacey Kingry, SID

The Colorado School of Mines wrestling team lost 16-28 to the Chadron State College Eagles Saturday night in Golden to drop their 2001 dual record to 3-6 overall and 1-3 in the Rocky Mountain Athletic Conference.

With the win, the Eagles remain tops in the RMAC with an 8-4 overall record and a perfect 5-0 conference mark.

Mines started six points in the

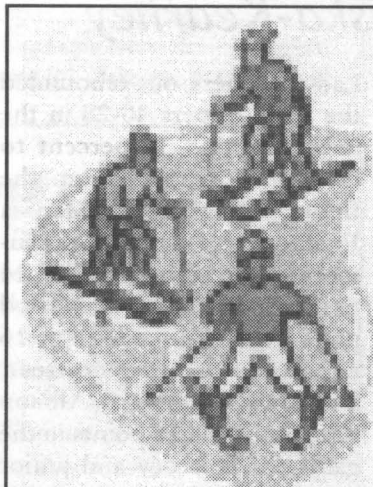
hole when they forfeited their 285-pound match due to injuries.

Senior Nate Mascarenas would win at 133's and redshirt freshman Nate Peterson would grab a decision at 141's to get CSM's only lightweight wins.

Sophomore 184-pounder Mark Dubrovich beat Chadron redshirt freshman Ben Holscher 12-3 to get a major decision and improve his season record to 20-

8. CSC's Jeff Rusher was charged with unsportsmanlike conduct in the 197-pound weight class, so Mines' Ian Schick received the full six points in the match.

Mines head coach Dan Lewis' Orediggers have their final home match of the season February 9 when they host the Nebraska-Kearney Lopers at 7 p.m. at Volk Gymnasium in Golden.



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2/10	Keystone/A-Basin
2/17	Berthoud Pass
2/24	Copper Mountain
3/3	Loveland
3/10	Winter Park
3/24	Keystone/A-Basin
4/7	Winter Park

CSM Ski Team Wins Season Opener

Doug Hamre

At Winter Park on Saturday January 20th, the CS M. men's ski team earned the first ever giant slalom victory in the history of the team. The members of the team are; Harald Reinertsen, Doug Hamre, Justin Modroo, Shawn Tonozzi, Ethan Hecht, and Brent Zimmerman.

Harald, the team captain led the way with a second-place finish out of 74 racers. The CS M. ski team competes in the Rocky Mountain conference of the U. S. C. S. A..

There are 12 men's teams from 9 different colleges from all over Colorado and Wyoming that compete in the Rocky

Mountain conference.

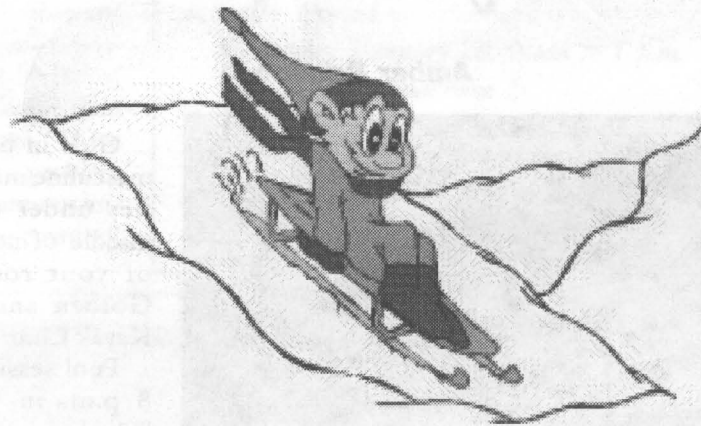
The ski team would like to dedicate this season opening historic win the memory of Joel Prichard. Joel was an extremely valuable member of the ski team as well as a good friend who was tragically killed in a skiing accident during the Christmas holidays.

After the second race on Sunday, the CS M. ski team remained tied for first place in the conference. The remaining races are: the Winter Park slalom on Jan. 27, 28, the Copper Mountain giant slalom on Feb. 3rd, 4th, and the CS M. invitational slalom at Loveland ski area on Feb. 10, 11.

Loveland Gatekeepers Ski and Eat Free

Gatekeepers for the CSM invitational slalom at Loveland ski area February 10th and 11th will receive FREE lift tickets for the days worked, plus an additional FREE ticket for each day worked to use at Loveland any day for the rest of the season. Lunch will also be provided to gatekeepers FREE on both Saturday and Sunday. There may be no such thing as a free lunch, but you could get four days free skiing and two free lunches for a couple hours of easy work. If you would like to be a gatekeeper at the Loveland slalom race contact Harald Reinertsen at hreinert@mines.edu for more information.

Calling All Skiers And Snowboarders!!!!



WHO: Blue Key

WHAT: Winter Carnival

WHEN: Saturday, March 3, 2001

WHERE: Loveland

WHY: Cheap Tickets!! Only \$10

Lots of PRIZES!!

Tickets go on sale Monday, Feb. 19!

Student Spring Break Deals

Mountain Adventurer, Inc. Launches One-Of-A-Kind "Spring Break" Packages for Snowsports Adventurers

Debra Goodman, 970-641-3160
debra@mountainadventurer.com

Looking for a unique extreme adventure this Spring Break? Then point yourself to mountainadventurer.com for an "Extreme! Spring Break" getaway. As the name would suggest, it's action-packed with adventure and comes at an extremely affordable price.

The location is none other than one of the most highly-touted "multi-sport meccas" in the country, Crested Butte, and the surrounding Gunnison County wilderness areas in the heart of the Colorado Rockies. The student package includes six nights lodging, up to five winter sports, instruction, meals and parties, starting at \$595 per person.

The "Extreme! Spring Break" adventure vacation offers everything for the snowsports enthusiast. Sports like resort skiing and snowboarding, dog sledding, ice climbing, snowshoeing, winter

mountaineering, nordic skiing, snowcat skiing and even ice fishing are among the fourteen different options available. Students choose up to five sports, or they can elect to take a day off to relax in one of the area's cool mountain towns or remote high-mountain lodges.

"The goal was to create an adventure vacation specifically designed for students," said Debra Goodman, president and founder of Mountain Adventurer, Inc. "A vacation of this type is out of reach financially to most students. Knowing that we are up against super-cheap Florida and Mexico packages caused us all to sharpen our pencils...and then sharpen them again. As a result, we are able to offer a package at less than half the usual retail price for a multi-sport adventure vacation."

"It's a great opportunity to

learn a new sport or pick up some awesome tips on your style," said Goodman. "It's suitable for the never-ever, as well as the seasoned outdoorsman. Truly, one of the finest aspects of this adventure is the guidance and instruction from the area's experienced and knowledgeable experts."

The Gunnison Country, the name for the area roughly encompassing Crested Butte, Gunnison and Lake City, is widely regarded as one of the top spots in the country for outdoor recreation. With over three million acres of unspoiled wilderness areas, mountains, rivers, lakes, valleys, canyons and cliffs, it's a recreation paradise.

For reservations and more information, log on to www.mountainadventurer.com. Or call Mountain Adventurer, Inc. at (866)495-6445.

CSM Women's Softball

'Diggers Start 2001 with 2-0 Record

Kacey Kingry, SID

Golden, Colo. — The Colorado School of Mines women's softball team beat Oklahoma Panhandle State University twice Saturday to open their 2001 season with a 2-0 record.

The Lady 'Diggers took game one of the two-day doubleheader 5-0, and won the second game 2-0.

CSM junior Katie deBesche pitched all seven innings for the Orediggers in the first game, allowing two hits and one walk with two strikeouts.

Andrea Limoges pitched six innings for the Lady Aggies, giving up five runs on 11 hits with

two strikeouts.

Mines sophomore Carrie Wittkopf pitched all seven innings for the Orediggers in game two. She allowed three hits and three walks with eight strikeouts in the game.

Lady Aggie Becky Wild pitched six innings for Panhandle, allowing two runs on five hits with three walks and four strikeouts.

Head coach Mark Roberts' Orediggers play the second half of their four-game series with Panhandle tomorrow in Golden. First pitch is at 11 a.m., with the second game beginning at 1 p.m.

Is your team not covered in our paper?

If you'd like to have articles published about your team, send your article to oredig@mines.edu



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only. Prices may vary. Customer pays sales tax where applicable.

Miner Notes

Alpha Phi Omega

CSM's coed service fraternity meets Mondays in Meyer Hall 357 at 8 p.m. For information on how to pledge (even if you haven't attended any rush events) contact Adam Berig at aberig@mines.edu.

Anime Club

Don't forget CSMAC's anime convention Feb. 10, 10 a.m. to 10 p.m. on the second floor of the Student Center. Hope to see you there. Contact info: mhaisfie@mines.edu

ASM/TMS

ASM/TMS has always had a strong presence on campus. Nevertheless, last semester, MT department head, Dr. J.J. Moore, combined all related materials societies into one called Materials Science and Engineering Club (MSEC). This included ISS, ACerS, AWS, and ASM/TMS. We welcome members from all departments. Email yhuang@mines.edu.

Ballroom Dance Club

Thursdays, 8:30-10 p.m. in the Student Center, Ballroom C. Practice sessions start at 7 p.m. before each lesson. \$18 semester dues, \$4 for drop-ins.

Board of Publications

If you have complaints regarding any of the publications at Mines, please feel free to contact a member of the Board of Publications. You can email the chair at clanders@mines.edu or the ASCSM representative Kip Findley at kfindley@mines.edu.

Bridge Club

If you like to play cards and want something more interesting than hearts or spades, why not try bridge? The CSM Bridge Club meets Wednesdays at 6 p.m. in the Coolbaugh atrium. Players of all skill levels are welcome.

Campus Crusade for Christ

All are welcome to join us for our weekly meetings Thursdays at 8 p.m. in the Student Center, Ballroom A. It is a place to fellowship with friends and grow in your walk with God. For more information, please e-mail jvigil@mines.edu.

Circle K

Come find out about the world's largest student-run service organization. Meetings are held Tuesdays, 6:30 p.m. at the Student Center in room 234. For more information, contact zachscully@hotmail.com.

Earthworks

Are you interested in becoming involved in environmental issues at CSM? If so, Earthworks is for you.

This semester we will be working on our Earth Day celebration, our recycling promotion around campus and a trail clean-up. Come check out the meetings or email: earthworks@mines.edu. All are welcome!

FCA

The Fellowship of Christian Athletes meets Wednesdays at 7:30 p.m. in the projection room on the second floor of Volk Gymnasium. All are welcome: Christians, athletes, both or neither. For more information email fbuckner@mines.edu.

High Grade

Need a creative outlet? *High Grade*, Mine's literary magazine, is looking for submissions in poetry, art, fiction and creative nonfiction. Submit by March 2nd, staff positions also available. Contact highgrade@mines.edu

International Society of Explosives Engineers

Find out what exciting speakers and activities we have planned for this semester! All CSM student and staff members are welcome. For more information, email jkrumb@mines.edu

International Student Organization

The International Student Organization represents the interests of all internationals at CSM. Informal meetings are held at the International Office (1404 Maple Street) as needed. We welcome ideas on activities to further improve the experience of the international students and the Mines community at large. Contact Leslie 303-273-3210 or Kenny 303-215-0449

Kayak Club

Kayak Club holds pool sessions Mondays from 7:30-9:30 p.m. Everyone is welcome, beginners to advanced. Contact Nicole Baert at (303) 273-0507 or email nbaert@mines.edu.

Kendo Club

Traditional Japanese sword fighting NEW TIME & PLACE!! Tuesdays at 7 to 9 p.m. in the lower gym in the field house. New students and spectators welcome anytime for more information call Sensei King at 303-795-9040 or email at fourrex@aol.com.

LDSSA

All students are invited to enjoy a guest speaker and lunch for \$1 at the Latter Day Saints Student Association's Friday Forum, Fridays at noon at 1212 Arapahoe Street. E-mail meallen for more information.

Newman Group

The CSM Catholic Newman Group meets Tuesdays at 8:30 p.m. in the

Ted Adams room of the Green Center. Everyone, regardless of beliefs or affiliation, is welcome and encouraged to attend. For more information email tnorick@mines.edu. See you Tuesday!!!

Outdoor Rec Center

Looking for a little recreation? Need equipment? Need lessons? Visit the Outdoor Recreation Center across the street from the IM fields. Hours: Mon-Fri 10 a.m.-6 p.m. and Sat-Sun 10 a.m.-2 p.m. 303-278-6202

PHATES

(Peers Helping Aid in Tough Everyday Situations) "We are listening..." Dedicated to listening to your problems. For more information, contact Mel Kirk at the Student Development Center, 303-273-3377.

Robotics Club

Students from any and every major are welcome to participate in the CSM Robotics Club. We build robots for competitions, including a robot for the SAE Walking Machine Challenge and one for the Battle Bots competition. We meet every week on Wednesday at noon in Berthoud Hall room 204. More information: cgoerzen@mines.edu

SCA

The Society for Creative Anachronism meets Fridays 7-9 p.m. in Kafadar Commons and in case of inclement weather, in the Field House. Questions? Contact David at (303) 278-3061 or dclement@mines.edu.

Senior Class

We are having a senior night at Woody's Wednesday February 21st. Pizza and drink specials begin at 6 p.m. Anyone interested in designing a t-shirt for the senior class, please submit drawings to the senior class mailbox in student activities. Prizes will be given to the best design.

Sigma Lambda

Sigma Lambda is the student organization for the gay, lesbian, bisexual, and transgendered community at CSM. We welcome students, faculty, staff, and alumni to our meetings and social events. For more information, visit our web page at http://www.mines.edu/Stu_life/organ/glbe/ or email sigmalambda@mines.edu.

Sober Drivers

Need a ride home on Friday or Saturday night between 9 p.m. and 3 a.m.? Call Kappa Sigma Sober Driver Program at (303)-279-9951. You must be within 15 minutes of campus.

Sports Nut?

Rapidly growing company seeking highly motivated and goal-oriented individuals to join our team. Training provided. Serious inquiries only. 1-877-387-3754

SWE

Are you ready for an inspiring year? This year, the theme of Society of Women Engineers (SWE) is "Inspiring Women." SWE is a fun club! You will have huge benefits: Evening with Industry, ice cream social party, and many interesting guest speakers. Come to CO 209 on Wednesdays at noon! Lunch will be served. Join SWE and have fun with us.

Ultimate Frisbee Organization

Mines Ultimate practices Tuesdays, Thursdays and Fridays at 5 p.m. on Kafadar field. This is a competitive team that travels to different areas around the state and country to compete in tournaments. If interested, view our website at http://www.mines.edu/Stu_life/organ/ufo/ and contact any of the officers for more information.

Water Polo

Mines water polo is off to an exciting start. Practices are Tuesdays and Thursdays from 7:45-9:45 p.m. and Saturday from 1-3 p.m. This is a coed team so please feel free to join us in Volk gym pool.

Women's Tennis Team

Practices are starting and new members are welcome; no experience necessary. If you would like more information, please contact Olivia Harren at oharren@mines.edu

Women's Ultimate Frisbee Team

Want to have fun, make friends and get in shape? Come be a part of Mines' Women's Ultimate Frisbee Team. No experience is required. Practice is on Kafadar Commons from 4-6 p.m., Tuesdays and Thursdays. For more information, call Julie West at 303-278-7431.

Women's Water Polo

Yes girls, the Colorado School of Mines finally has a women's water polo team. Our season is about to get underway. If you would like to join us for fun, exercise, or competition, we practice in the school pool on Monday and Wednesday nights from 7:00-9:00 pm, and Saturday from 11am-1 pm. All experience levels are encouraged to come be a part of this fun sport.

Please submit all
Miner Notes and
Classifieds by
Friday, Feb. 16

oredig@mines.edu

Classified Advertisements

For Sale.

Queen waterbed, new heater liner/mattress wood frame with bookcase headboard \$175. Antique maple dining table and 4 chairs \$150. In Golden, but we can transport to CSM. Call 303-278-1072

Help Wanted.

D.J. wanted at the RockRest Lodge. Call 303-216-2895 and ask for Rod or Rick.

Female student wanted for occasional childcare. Golden family. Please call Debra 303-278-0099.

Female quadriplegic (46) seeks students for home health care. Duties include assisting with personal hygiene, bathing, dressing, etc. Some lifting required. No experience necessary, will train. Part-time morning or evening hours available. Morrison area. \$7.50-\$10/hour. Please call Cheryl @ 303-697-6725.

Golden mother seeks domestic help; 5-10 hrs/week. Childcare and light housekeeping; fluency in a foreign language (Spanish, French, Italian) a plus! Please call for further information Elaine 278-4436.

Housesitter needed between 3/16 and 3/24. Executive home in the mountains at Genesee Park. Twelve minutes to Mines. Use of hot tub, home theater, fire places, internet. Prefer one or two female students. Email Tony Garrett at tgarrett@worldnet.att.net

Nannies, Childcare. Professional Care for Children Wanted 303-471-0704

Outdoor groundskeeper. Part time: 8-15 hours per week. Hours and days are flexible. \$9/hr Call Scott (303) 271-0644 or (303) 929-7444

Part-time nanny, misc help for 9 mos. old boy in Golden. Contact Karen 303-279-0406.

Pepsi-Cola: Part-time merchandiser position \$10/hr, no overtime, bonus after 6 mos, mileage at set route rate, Thurs.-Mon. 4-8 p.m., min. 18 yrs. old, valid driver's license, proof of insurance, able to lift 40-50 lbs, good communication skills essential to maintain and build customer relations at store level. Inquire in person Wed. 6 p.m., or Thurs. 9 a.m. or 6 p.m., 3801 Brighton Blvd., Denver, CO 80216

Student needed immediately. Daycare needed in my home in Golden for 17-month old toddler. 2-8 p.m. M-F, some Saturdays. Call (303) 278-9014 for information. Leave a message.

Traffic Studies part time work Tues., Wed., Thurs., 7-9 a.m. and 4-6 p.m. up to \$20/hr. Call Eric @ 303-422-7985

Tutor needed for high school senior taking AP chemistry in the International Baccalaureate program at Lakewood H.S. Please call 303.421.8692 evenings. Rates negotiable. Start immediately.